

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

cas online printout

=> d his

(FILE 'HOME' ENTERED AT 09:24:59 ON 20 JAN 2003)

FILE 'REGISTRY' ENTERED AT 09:25:10 ON 20 JAN 2003

L1 STRUCTURE UPLOADED

L2 2 S L1

L3 0 S L1 CSS

L4 53 S L3 CSS FUL

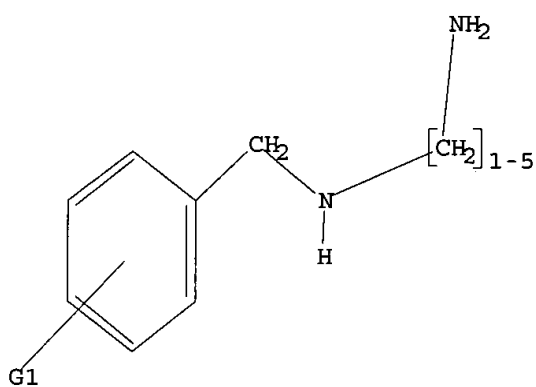
FILE 'CAPLUS' ENTERED AT 09:27:12 ON 20 JAN 2003

L5 233 S L4

=> d l3

L3 HAS NO ANSWERS

L1 STR



G1 H, Me, Et, n-Pr, i-Pr, i-Bu, s-Bu, t-Bu, X

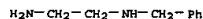
Structure attributes must be viewed using STN Express query preparation.

L3 0 SEA FILE=REGISTRY CSS SAM L1

=> d bib hitstr 1-233

cas online printout

LS ANSWER 1 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:675460 CAPLUS
DN 137:332748
TI Homosazanicotine: A Structure-Affinity Study for Nicotinic Acetylcholine
(nACh) Receptor Binding
AU Ferretti, G.; Dukat, M.; Giannella, M.; Piergentili, A.; Pignini, M.;
Quaglia, W.; Dama, M. I.; Martin, B. R.; Glennon, R. A.
CS Dipartimento di Scienze Chimiche, Università di Camerino, Camerino, 6032,
Italy
SO Journal of Medicinal Chemistry (2002), 45(21), 4724-4731
CODEN: JMCMAJ; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 4152-09-4, N-Benzyl Ethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of imidazolylpyridines and structure-affinity relationships
for nACh receptor binding)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

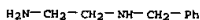


RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 2 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:594913 CAPLUS
DN 137:140909
TI Precursor monomers containing a nucleobase and their preparation for
aromatic polymers
IN Hall, Elizabeth Anne Howlett; Okolo, Kawulia Tolefe
PA The Secretary of State for Defence of Great Britain and Northern Ireland,
UK
SO PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002060974	A1	20020808	WO 2002-GB406	20020130
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI GB 2001-2388	A	20010131		
IT 4152-09-4P				

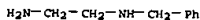
RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation);
RACT (Reactant or reagent)
(reaction with thymine-contg. triazine; thymine-contg.
triazine-coupled
monomers for arom. polymers)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

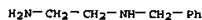
LS ANSWER 3 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:552324 CAPLUS
DN 137:109488
TI Preparation of peptidyl calcium channel blockers
IN Booth, Richard John; Brogley, Louis; Cody, Wayne Livingston; Connor,
David
Thomas, Hamilton, Harriet Wall; He, John Xiaoliang; Hu, Lian-Yen;
Lescosky, Leonard Joseph; Malone, Thomas Charles; Nadassdi, Laszlo;
Rafferty, Michael Francis; Roth, Bruce David; Silva, Diego P.; Song,
Yuntao; Szoke, Balazs G.; Urge, Laszlo
PA Warner-Lambert Company, USA; Neurex Corporation
SO U.S., 86 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE						
PI US 6423689	B1	20020723	US 1998-212785	19981216						
PRAI US 1997-68485P	P	19971222								
OS MARPAT 137:109488										
IT 4152-09-4, N-Benzylethylenediamine										
RL: RCT (Reactant); RACT (Reactant or reagent)										
(prepn. of peptidyl calcium channel blockers)										
RN 4152-09-4 CAPLUS										
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)										



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 4 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:505669 CAPLUS
DN 137:104908
TI Studies on the metabolism and toxicological detection of the new designer
drug N-benzylpiperazine in urine using gas chromatography-mass
spectrometry
AU Staack, Roland P.; Fritsch, Gisela; Maurer, Hans H.
CS Department of Experimental and Clinical Toxicology, Institute of
Experimental and Clinical Pharmacology and Toxicology, University of
Saarland, Homburg/Saar, D-66421, Germany
SO Journal of Chromatography, B: Analytical Technologies in the Biomedical
and Life Sciences (2002), 773(1), 35-46
CODEN: JCBAAI; ISSN: 1570-0232
PB Elsevier Science B.V.
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(metab. and toxicol. detection of new designer drug benzylpiperazine
in urine using gas chromatog.-mass spectrometry)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

LS ANSWER 5 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:425418 CAPLUS
DN 137:6086
TI Preparation of substituted carbazoylamides as neuropeptide Y-5 antagonists
IN Elliott, Richard L.; Griffith, David A.; Hammond, Marlys
PA Pfizer Inc., USA
SO U.S., 46 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6399631	B1	20020604	US 2000-620315	20000721
PRAI US 1999-145304P	P	19990723		
OS MARPAT 137:6086				
IT 4152-09-4, N-Benzyl-1,2-ethanediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reactant; prepn. of substituted carbazoylamides as neuropeptide Y-5 antagonists)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

H₂N-CH₂-CH₂-NH-CH₂-Ph

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 6 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:394039 CAPLUS
DN 138:20616
TI Studies on the metabolism and the toxicological analysis of the new piperazine-like designer drugs BZP and TFMPP [by] using GC-MS
AU Staack, Roland F.; Fritechi, Giselher; Maurer, Hans H.
CS Hessisches Landeskriminalamt, Wiesbaden, D-65187, Germany
SO GTFCh-Symposium: Toxikologische Aspekte der Sterbehilfe--Neue Drogen: Chemische, Analytische und Toxikologische Aspekte, Beitrage zum Symposium
der Gesellschaft fuer Toxikologische und Forensische Chemie, 12th, Mosbach, Germany, Apr. 26-28, 2001 (2001), Meeting Date 2001, 149-155.
Editor(s): Pragst, Fritz; Aderjan, Rolf. Publisher: Verlag Dr. Dieter Helm, Heppenheim, Germany.
CODEN: 69CPGU; ISBN: 3-923032-14-5
DT Conference
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: ANT (Analyte); BSU (Biological study, unclassified); PRP (Properties); ANST (Analytical study); BIOL (Biological study) (metab. and detn. of the piperazine-like designer drugs BZP (N-benzylpiperazine) and TFMPP (trifluoromethylphenylpiperazine) in urine by gas chromatog.-mass spectrometry)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

6

LS ANSWER 7 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:368992 CAPLUS
DN 136:386128
TI Synthesis and use of substituted pyrrolo[2,3-b]pyrimidines as selective adenosine A1, A2a and A3 receptor antagonists
IN Castelano, Arlindo L.; McKibben, Bryan; Witter, David J.
PA USA
SO U.S. Pat. Appl. Publ., 79 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2002058667	A1	20020516	US 2000-728316	20001201
WO 2002057267	A1	20020725	WO 2001-US45280	20011130
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI US 1999-168803P	P	19991202		
US 2000-728316	A	20001201		
US 2000-728607	A	20001201		
US 2000-728616	A	20001201		
OS MARPAT 136:386128				
IT 4152-09-4, 1,2-Ethanediamine, N-(phenylmethyl)-				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(prepn. and use of substituted 7H-pyrrolo[2,3-b]pyrimidines as selective adenosine A1, A2a and A3 receptor antagonists)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

H₂N-CH₂-CH₂-NH-CH₂-Ph

LS ANSWER 8 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:293652 CAPLUS
DN 136:325531
TI Preparation of (poly)azanaphthalenyl carboxamides as HIV integrase inhibitors
IN Anthony, Neville J.; Gomez, Robert P.; Young, Steven D.; Egbertson, Melissa; Wai, John S.; Zhuang, Linghang; Embrey, Mark; Tran, Lekhanh; Melamed, Jeffrey Y.; Langford, H. Marie; Guare, James P.; Fisher, Thorsten
E.; Jolly, Sameon M.; Kuo, Michelle S.; Perlow, Debra S.; Bennett, Jennifer J.; Punk, Timothy W.
PA Merck & Co., Inc., USA
SO PCT Int. Appl., 434 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002030930	A2	20020418	WO 2001-US31456	20011009
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002011527	A5	20020422	AU 2002-11527	20011009
PRAI US 2000-239707P	P	20001012		
US 2001-281656P	P	20010405		
WO 2001-US31456	W	20011009		
OS MARPAT 136:325531				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reactant; prepn. of (poly)azanaphthalenyl carboxamides as HIV integrase inhibitors for treatment of AIDS)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

H₂N-CH₂-CH₂-NH-CH₂-Ph

cas online printout

LS ANSWER 9 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:257515 CAPLUS
DN 137:247420
TI Induction of apoptosis by aryl-substituted diamines: role of aromatic group substituents and distance between nitrogens
AU Burns, Mark R.; LaTurner, Solveig; Ziemer, Josh; McVean, Maralee; Devens, Bruce; Carlson, C. Lance; Graminski, Gerard P.; Vanderwerf, Scott M.; Weeks, Reitha S.; Carreon, Jay
CS MediQuest Therapeutics, Inc., Seattle, WA, 98103, USA
SO Bioorganic & Medicinal Chemistry Letters (2002), 12(9), 1263-1267
CODEN: BMCLJE; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
IT 29867-04-7P, N-Benzyl-1,4-diaminobutane
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(prepn. of apoptosis inducing cytotoxic (arylmethyl)diaminoalkanes via condensation of arom. aldehydes with diaminoalkanes)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-(CH₂)₄-NH-CH₂-Ph

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 10 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:258303 CAPLUS
DN 137:6125
TI Convenient Syntheses of Unsymmetrical Imidazolidines
AU Katritzky, Alan R.; Suzuki, Kazuyuki; He, Hai-Ying
CS Center for Heterocyclic Compounds Department of Chemistry, University of Florida, Gainesville, FL, 32611-7200, USA
SO Journal of Organic Chemistry (2002), 67(9), 3109-3114
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 137:6125
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of unsym. imidazolidines)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 11 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:256232 CAPLUS
DN 136:294857
TI Preparation of nitrogen-containing compounds as the active ingredient of CCR3 inhibitors
IN Takahashi, Toshiya; Imaoka, Takayuki; Tomioka, Hiroki; Hatakeyama, Daigo; Nitta, Aiko; Kaneko, Masayuki; Takizawa, Satoko; Torii, Yuichi; Morihira, Koichiro; Morokata, Tatsuki
PA Toray Industries, Inc., Japan
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2002026708 A1 20020404 WO 2001-JP8466 20010927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GR, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CO, CI, CM, GA, GN, GQ, GW, ML, MR, NE, NG, TD, TG
JP 2002187880 A2 20020705 JP 2001-293350 20010926
AU 2001092276 A5 20020408 AU 2001-92276 20010927
PRAI JP 2000-294355 A 20000927
JP 2000-313405 A 20001013
WO 2001-JP8466 W 20010927
OS MARPAT 136:294857
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of nitrogen-contg. compds. as the active ingredient of CCR3 inhibitors)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

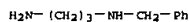
LS ANSWER 12 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:240064 CAPLUS
DN 136:382836
TI Interaction between polyamines and bacterial outer membranes as investigated with ion-selective electrodes
AU Katsu, Takashi; Nakagawa, Hideki; Yasuda, Keiko
CS Faculty of Pharmaceutical Sciences, Okayama University, Okayama, 700-8530, Japan
SO Antimicrobial Agents and Chemotherapy (2002), 46(4), 1073-1079
CODEN: AMACCO; ISSN: 0066-4804
PB American Society for Microbiology
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(interaction between polyamines and bacterial outer membranes as investigated with ion-selective electrodes)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

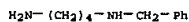
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

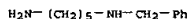
L5 ANSWER 13 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:173486 CAPLUS
DN 137:134131
TI Modular fluorescence sensors for saccharides
AU Arimori, Susumu; Bell, Michael L.; Oh, Chan S.; Primat, Karine A.; James, Tony D.
CS Department of Chemistry, University of Bath, Bath, BA2 7AY, UK
SO Journal of the Chemical Society, Perkin Transactions 1 (2002), (6), 801-808
CODEN: JCSPCE; ISSN: 1472-7781
PB Royal Society of Chemistry
DT Journal
LA English
IT 13910-48-0P, N-Benzyl-1,3-diaminopropane 29867-04-7P, N-Benzyl-1,4-diaminobutane 55097-10-4P, N-Benzyl-1,5-diaminopentane
RL: PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(in prepn. of sensing mole. conug. phenylboronic acid and pyrene and alkylene linkers for modular fluorescence sensors for monosaccharides)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

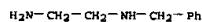


RN 55097-10-4 CAPLUS
CN 1,5-Pentanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

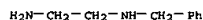
L5 ANSWER 15 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:95509 CAPLUS
DN 137:62942
TI The aza-ene or the Michael addition? Examination of an unusual substituent
effect on the reaction of heterocyclic ketene amins with ethyl propiolate
AU Zhao, Mei-Xin; Wang, Mei-Xiang; Huang, Zhi-Tang
CS Institute of Chemistry, Center for Molecular Science, Chinese Academy of Sciences, Beijing, 100080, Peop. Rep. China
SO Tetrahedron (2002), 58(7), 1309-1316
CODEN: TETRAH; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 137:62942
IT 4152-09-4, N-Benzyl-1,2-ethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(heterocyclization; substituent effect on the aza-ene vs. Michael addn.
reaction of heterocyclic ketene amins with Et propiolate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:171894 CAPLUS
DN 136:217051
TI Preparation of proline derivatives for use as chymase inhibitor
IN Deguchi, Takashi; Shiratake, Ryotaro; Sato, Fuminori; Fujitani, Buichi; Honda, Yayoi; Kiyoshi, Akihiko; Notsuke, Mitsue; Showell, Graham Andrew; Boyle, Robert George; Klair, Sukhbinder Singh
PA Dainippon Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 88 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

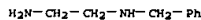
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002018378	A1	20020307	WO 2001-JP7137	20010821
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, PA, PE, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
AU 2001078782	A5	20020313	AU 2001-78782	20010821
PRAI GB 2000-21315	A	20000810		
WO 2001-JP7137	W	20010821		
OS MARPAT 136:217051				
IT 4152-09-4, n-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent) (prepn. of proline derivs. for use as chymase inhibitors)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 16 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2002:10451 CAPLUS
DN 136:85837
TI Preparation of benzodiazepines as inhibitors of HPV E1 helicase
IN Hurat, David Nigel; Jones, Philip Stephen; Parkes, Kevin Edward Burdon; Parratt, Martin John; Wilson, Francis Xavier
PA F. Hoffmann-La Roche A.-G., Switz.
SO PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002000632	A1	20020103	WO 2001-EP6895	20010619
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, PA, PE, PG, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002128262	A1	20020912	US 2001-892148	20010626
PRAI GB 2000-15904	A	20000628		
OS MARPAT 136:85837				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent) (reactant; prepn. of benzodiazepines as inhibitors of HPV E1 helicase and therapeutic agents for HPV mediated diseases such as visible genital warts and benign external warts)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

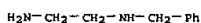


RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

LS ANSWER 17 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:851115 CAPLUS
DN 136:5907
TI Synthesis of aryl-amido-cyclohexane derivatives and their use as NK-1
receptor antagonists
IN Castro Pineiro, Jose Luis; Dinnell, Kevin; Elliott, Jason Matthew;
Hollingworth, Gregory John; Shaw, Duncan Edward; Swain, Christopher John
PA Merck Sharp & Dohme Limited, UK
SO PCT Int. Appl., 199 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

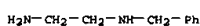
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001087838	A1	20011122	WO 2001-GB2145	20010516
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI GB 2000-12240	A	20000519		
OS MARPAT 136:5907				
IT 4152-09-4, N-Benzyl-1,2-ethanediamine				
RL: RCT (Reactant); RACT (Reactant or reagent) (reactant; synthesis of aryl-amido-cyclohexane derivs. and use as NK-1 receptor antagonists)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

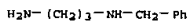
LS ANSWER 18 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:816458 CAPLUS
DN 135:344479
TI Preparation of pyrazoles and pyrazolones as RNA polymerase inhibitors and
antibacterial agent
IN Li, Leping; Chen, Xiaoqi; Cutler, Serena T.
PA Tularik Inc., USA
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001082930	A1	20011108	WO 2001-US14439	20010502
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KS, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002049205	A1	20020425	US 2001-847962	20010502
PRAI US 2000-201988P	P	20000503		
OS MARPAT 135:344479				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent) (prepn. of pyrazoles and pyrazolones as RNA polymerase inhibitors and antibacterial agents)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

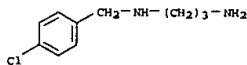


RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

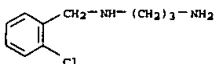
LS ANSWER 19 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:785505 CAPLUS
DN 136:216489
TI Synthesis of 1,3-propanediamine derivatives, ligands to prepare new
platinum complexes, potential antineoplastic agents
AU Vieira de Almeida, Mauro; Soares Fontes, Ana Paula; Felicio, Emanuel de
Castro A.; Berg, Richard N.
CS Departamento de Quimica, Universidade Federal de Juiz de Fora, Juiz de
Fora, 36036-330, Brazil
SO Ciencia & Engenharia (2001), 10(1), 7-9
CODEN: CIENF8; ISSN: 0103-944X
PB Universidade Federal de Uberlandia, Centro de Ciencias Exatas e
Tecnologia
DT Journal
LA English
IT 13910-48-0P 61798-10-5P 161799-66-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of N-benzyl-1,3-propanediamines)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 61798-10-5 CAPLUS
CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

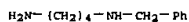


RN 161799-66-2 CAPLUS
CN 1,3-Propanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



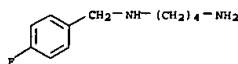
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 20 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:757980 CAPLUS
DN 136:20179
TI N-Benzylpolyamines as vectors of boron and fluorine for cancer therapy
and
imaging: synthesis and biological evaluation
AU Martin, Benedicte; Posseme, Françoise; Le Barbier, Caroline; Carreaux,
Francoise; Carboni, Bertrand; Selter, Nikolaus; Moulinoux,
Jacques-Philippe; Delcroix, Jean-Guy
CS Groupe de Recherche en Therapeutiques Anticancereuses, Faculte de
Medecine, UPR ESA CNRS, Rennes, F35043, Fr.
SO Journal of Medicinal Chemistry (2001), 44(22), 3653-3664
CODEN: JMCMAJ; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 122605-06-5P 378785-66-1P
RL: DGN (Diagnostic use); DMA (Drug mechanism of action); PAC
(Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation); USES (Uses)
(prepn., cytotoxic-antitumor activity, DNA binding affinity, and
transport properties of benzyl-spermidine and putrescine derivs. for
use as vectors in boron neutron capture therapy and tumor imaging)
RN 122605-06-5 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX
NAME)



● 2 HCl

RN 378785-66-1 CAPLUS
CN 1,4-Butanediamine, N-[(4-fluorophenyl)methyl]-, dihydrochloride (9CI)
(CA INDEX NAME)



● 2 HCl

RE.CNT 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

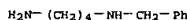
cas online printout

LS ANSWER 21 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:730681 CAPLUS
DN 135:272682
TI Polyamine analogues as cytotoxic agents
IN Burns, Mark R.
PA Oridigm Corporation, USA
SO PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DT Patent
LA English
PAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001072685	A2	20011004	WO 2001-US40360	20010323
WO 2001072685	A3	20020718		
WO 2001072685	C2	20021010		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG

FRAI US 2000-191839P P 20000324
OS MARPAT 135:272682
IT 29867-04-7P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of polyamine analogues as cytotoxic agents)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 23 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:628940 CAPLUS
DN 136:85600
TI Solid-phase combinatorial synthesis of polyamine derivatives using aminoalcohol building blocks
AU Renault, J.; Lebranchu, M.; Lecat, A.; Uriac, P.
CS Universite de Rennes I, UPRES 2234: Synthese et Extraction de Molecules a Visée Therapeutique, Faculte des Sciences, Biologiques et Medicales, Rennes, 35043, Fr.
SO Tetrahedron Letters (2001), 42(38), 6655-6658
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
IT 386743-71-1P
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of N-benzylpropanediamine as a model system for optimizing solid phase combinatorial synthesis of polyamines from resin-bound aminoalcs.)
RN 386743-71-1 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1
CRN 13910-48-0
CMP C10 H16 N2

H₂N-(CH₂)₃-NH-CH₂-Ph

CM 2
CRN 76-05-1
CMP C2 H F3 O2



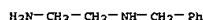
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 22 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:635876 CAPLUS
DN 135:211049
TI Preparation of pyrimidinamines and pyridinamines as adenosine receptor modulators for treatment of CNS disorders
IN Borroni, Edilio Maurizio; Huber-Trottman, Gerda; Kilpatrick, Gavin John; Norcross, Roger David
PA P. Hoffmann La Roche A.-G., Switz.
SO PCT Int. Appl., 256 pp.
CODEN: PIXXD2
DT Patent
LA English
PAN.CNT 1

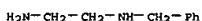
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001062233	A2	20010830	WO 2001-EP1679	20010215
WO 2001062233	A3	20020103		

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GN, GW, ML, MR, NE, SN, TD, TG

EP 1261327 A2 20021204 EP 2001-927670 20010215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
US 2001027196 A1 20011004 US 2001-788956 20010220
NO 2002004006 A 20020822 NO 2002-4006 20020822
FRAI EP 2000-103432 A 20000225
WO 2001-EP1679 W 20010215
OS MARPAT 135:211049
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent) (reactant; prepn. of pyrimidinamines and pyridinamines as adenosine receptor modulators for treatment of CNS disorders and other diseases)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 24 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:563285 CAPLUS
DN 136:183575
TI Synthesis and in vitro anticancer and anti-HIV evaluation of new 2-mercaptobenzenesulfonamides
AU Pomarnacka, E.; Kornicka, A.
CS Department of Chemical Technology of Drugs, Medical University of Gdansk, Gdansk, 80-416, Pol.
SO Farmaco (2001), 56(8), 571-577
CODEN: FMCRB; ISSN: 0014-827X
PB Elsevier Science S.A.
DT Journal
LA English
IT 4152-09-4, N-Benzyl-1,2-diaminoethane
RL: RCT (Reactant); RACT (Reactant or reagent) (prepn., anticancer and anti-HIV activity of mercaptobenzenesulfonamides and their disulfide oxidn. products)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

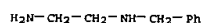
cas online printout

LS ANSWER 25 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:545530 CAPLUS
DN 135:107587
TI Preparation of novel orthogonally protected amino acid chelators for biomedical applications
IN Achilefu, Samuel I.
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052900	A2	20010726	WO 2001-US1903	20010118
WO 2001052900	A3	20020110		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-177217P P 20000121
OS MARPAT 135:107587
IT 4152-09-4, n-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of novel orthogonally protected amino acid chelators for biomedical applications)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

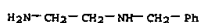


LS ANSWER 26 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:545529 CAPLUS
DN 135:107586
TI Preparation of chelating agents and their use as tandem metal chelators and hydrophilic spacers for medical diagnosis and therapy
IN Achilefu, Samuel I.
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 90 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052899	A1	20010726	WO 2001-US1641	20010118

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-177225P P 20000121
OS CASREACT 135:107586; MARPAT 135:107586
IT 4152-09-4, n-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of chelating agents and their use as tandem metal chelators and hydrophilic spacers for medical diagnosis and therapy)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



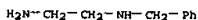
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 27 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:545528 CAPLUS
DN 135:107585
TI Methods for incorporating metal chelators at carboxyl-terminal site of peptides
IN Achilefu, Samuel I.; Srinivasan, Ananthachari
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001052898	A1	20010726	WO 2001-US1640	20010118
WO 2001052898	C2	20021031		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI US 2000-177226P P 20000121
OS CASREACT 135:107585; MARPAT 135:107585
IT 4152-09-4, n-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(methods for incorporating metal chelators at carboxyl-terminal site of peptides)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

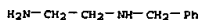
LS ANSWER 28 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:416773 CAPLUS
DN 135:46190
TI Synthesis and use of substituted pyrrolo[2,3-b]pyrimidines as selective adenosine A1, A2a and A3 receptor antagonists
IN Castelhamo, Arlindo L.; McKibben, Bryan; Witter, David J.
PA Oai Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 368 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001039777	A1	20010607	WO 2000-US32702	20001201

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CP, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1246623 A1 20021009 EP 2000-988011 20001201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

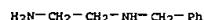
PRAI US 1999-454074 A 19991202
US 1999-454075 A 19991202
US 1999-454254 A 19991202
WO 2000-US32702 W 20001201
OS MARPAT 135:46190
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. and use of substituted 7H-pyrrolo[2,3-b]pyrimidines as selective adenosine A1, A2a and A3 receptor antagonists)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

L5 ANSWER 29 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:322263 CAPLUS
DN 135:61277
TI Imidazoline-modified benzylimidazolines as h5-HT1D/1B serotonergic ligands
AU Prisinzano, Thomas; Law, Ho; Dukat, Męgorzata; Glessi, Abdelmalik; McClean, Neil; Demchysyn, Lidia; Glennon, Richard A.
CS Department of Medicinal Chemistry, School of Pharmacy, Virginia Commonwealth University, Richmond, VA, 23298-0540, USA
SO Bioorganic & Medicinal Chemistry (2001), 9(3), 613-619
CODEN: BMCECP; ISSN: 0968-0896
PB Elsevier Science Ltd.
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of benzylimidazolines as h5-HT1D/1B serotonergic ligands)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



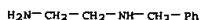
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 30 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:149462 CAPLUS
DN 134:320151
TI Synthesis, magnetospectral, and thermal studies of cobalt(II), nickel(II), and copper(II) complexes of new unsymmetrical 1,2-dihydroxyimino-3,8-diaza-9-phenylnonane
AU Sekerci, Memet
CS Chem. Dep., Fac. of Arts and Sci., Firat Univ., Elazig, 23169, Turk.
SO Zhurnal Neorganicheskoi Khimii (2000), 45(10), 1664-1669
CODEN: ZHOKAQ; ISSN: 0044-457X
PB MAIK Nauka/Interperiodica Publishing
DT Journal
LA English
IT 29867-04-7P, 1-Amino-4-(N-benzylamino)butane
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(reactant for prepn. of cobalt(II), nickel(II) and copper(II) (benzylaminobutylamino)glyoximate complexes)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



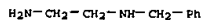
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 31 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:98122 CAPLUS
DN 134:289464
TI Solid and solution state structures of mono- and di-nuclear iron(III) complexes of related hexadentate and pentadentate aminopyridyl ligands
AU Duellund, Lars; Hazell, Rita; McKenzie, Christine J.; Preuss Nielsen, Lars; Toftlund, Hans
CS Institut für Physik, Medizinische Universität Lubeck, Lubeck, D-23538, Germany
SO Journal of the Chemical Society, Dalton Transactions (2001), (2), 152-156
CODEN: JCSDAA; ISSN: 1472-7773
PB Royal Society of Chemistry
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(for prepn. of iron benzyltris(pyridylmethyl)ethylenediamine complexes)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

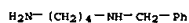
L5 ANSWER 32 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2001:88683 CAPLUS
DN 134:320825
TI Iron(III) complexation by new aminocarboxylate chelators - thermodynamic and kinetic studies
AU Serratrice, Guy; Galey, Jean-Baptiste; Saint Aman, Eric; Dumats, Jacqueline
CS Laboratoire de Chimie Biomimétique, LEDSS, UMR CNRS 5616, Université J. Fourier, Grenoble, 38041, Fr.
SO European Journal of Inorganic Chemistry (2001), (2), 471-479
CODEN: EIJCFO; ISSN: 1434-1948
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(iron(III) complexation by new aminocarboxylate chelators in thermodyn. and kinetic studies)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

L5 ANSWER 33 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:854989 CAPLUS
DN 134:147152
TI CaOH-promoted chemoselective mono-N-alkylation of diamines and polyamines
AU Salvatore, R. N.; Schmidt, S. E.; Shin, S. I.; Nagle, A. S.; Worrell, J. H.; Jung, K. W.
CS Department of Chemistry, University of South Florida, Tampa, FL, 33620-5250, USA
SO Tetrahedron Letters (2000), 41(50), 9705-9708
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 134:147152
IT 29867-04-79
RL: SPN (Synthetic preparation); PREP (Preparation)
(Chemoselective mono-N-alkylation of diamines and polyamines promoted by cesium hydroxide)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



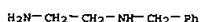
RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 34 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:725738 CAPLUS
DN 133:311157
TI Composition containing transition metal complex for catalytically bleaching laundry fabrics with atmospheric oxygen
IN Appel, Adrianus Cornelis Maria; Delroisse, Michel Gilbert Jose; Hage, Ronald; Tetaard, David; Twisker, Robin Stefan
PA Unilever PLC, UK; Unilever N. V.; Hindustan Lever Limited
SO PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 13

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000060043	A1	20001012	WO 2000-EP2587	20000322
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
WO 2000012667	A1	20000309	WO 1999-GB2876	19990901
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
WO 2000012808	A1	20000309	WO 1999-GB2878	19990901
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI GB 1999-7713	A	19990401		
GB 1999-7714	A	19990401		
WO 1999-GB2876	W	19990901		
WO 1999-GB2878	W	19990901		
GB 2000-4858	A	20000229		
GB 1998-19046	A	19980901		
GB 1999-6474	A	19990319		
OS MARPAT 133:311157				
IT 4152-09-49				

RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation);
RACT (Reactant or reagent)

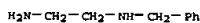
L5 ANSWER 34 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
(compn. contg. transition metal complex for catalytically bleaching laundry fabrics with atm. oxygen)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 35 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:707126 CAPLUS
DN 133:252742
TI Diverent method for the synthesis of diethylenetriaminopentaacetic acid esters
IN Achillefu, Samuel I.; Srinivasan, Ananthachari
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

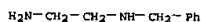
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000058266	A1	20001005	WO 2000-US7460	20000321
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI US 1999-126481P	P	19990326		
OS MARPAT 133:252742				
IT 4152-09-4, n-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(synthesis of diethylenetriaminopentaacetic acid esters)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

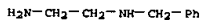
cas online printout

LS ANSWER 36 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:707124 CAPLUS
DN 133:252740
TI Synthesis of non-symmetrical diethylenetriaminepentaacetic acid (DTPA) compounds
IN Achilefu, Samuel I.; Srinivasan, Ananthachari
PA Mallinckrodt Inc., USA
SO PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DT Patent
LA English
PAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2000058264 A1 20001005 WO 2000-US7461 20000321
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1999-126482P P 19990326
OS PARPAT 133:252740
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of non-sym. diethylenetriaminepentaacetic acid (DTPA) compds.)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



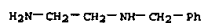
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 38 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:471759 CAPLUS
DN 133:231880
TI ¹H NMR Spectra of Ternary Platinum(II) Complexes with N-Ethyl- or N-Benzyl-1,2-ethanediamine and 2,2'-Bipyridine or 1,10-Phenanthroline: Intramolecular Aromatic-Aromatic Interaction in Coordination Sphere, and Its Solvent and Temperature Effects
AU Goto, Masafumi; Sumimoto, Masamitsu; Matsumoto, Takashi; Iwasaki, Maki; Tanaka, Yoshitomo; Kurosaki, Hiromasa; Yuto, Koji; Yoshikawa, Yuzo
CS Fac. Pharm. Sci., Kumamoto University, Oe-honmachi, Kumamoto, 862-0973, Japan
SO Bulletin of the Chemical Society of Japan (2000), 73(7), 1589-1598
CODEN: BCSJAB; ISSN: 0009-2673
PB Chemical Society of Japan
DT Journal
LA English
IT 4152-09-4, N-Benzyl-1,2-ethanediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(for prepn. of platinum(II) N-alkyl-1,2-ethanediamine amine ternary complexes)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



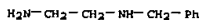
RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 37 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:529071 CAPLUS
DN 133:281290
TI Studies on Development of Sufficiently Chemoselective N-Acylation Reagents: N-Acyl-N-(2,3,4,5,6-pentafluorophenyl)methanesulfonamides
AU Kondo, K.; Sekimoto, E.; Nakao, J.; Murakami, Y.
CS School of Pharmaceutical Sciences, Toho University, Funabashi, Chiba, 274-8510, Japan
SO Tetrahedron (2000), 56(32), 5843-5856
CODEN: TETRA8; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 133:281290
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of N-acyl-N-(pentafluorophenyl)methanesulfonamides and related compds. as chemoselective N-acylation reagents)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

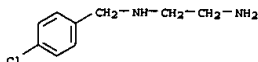


RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 39 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:365632 CAPLUS
DN 133:98639
TI Synthesis of platinum complexes from N-benzylethylenediamine derivatives
AU De Almeida, Mauro V.; Cesar, Eloi T.; Felicio, Emanuel De C. A.; Fontes, Ana Paula S.; Robert-Gero, Malka
CS Departamento de Quimica, Universidade Federal de Juiz de Fora, Juiz de Fora, 36036-330, Brazil
SO Journal of the Brazilian Chemical Society (2000), 11(2), 154-158
CODEN: JOCSET; ISSN: 0103-5053
PB Sociedade Brasileira de Quimica
DT Journal
LA English
IT 4152-09-4P 53654-70-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and complexation with platinum)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 53654-70-9 CAPLUS
CN 1,2-Ethanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

L5 ANSWER 43 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
BR 200009457 A 20021008 BR 2000-9457 20000322
WO 2001016268 A1 20010308 WO 2000-EP7561 20000804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001016269 A1 20010308 WO 2000-EP7563 20000804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
BR 2000013592 A 20020507 BR 2000-13592 20000804
BR 2000013593 A 20020507 BR 2000-13593 20000804
EP 1208184 A1 20020529 EP 2000-951477 20000804
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
EP 1208187 A1 20020529 EP 2000-960390 20000804
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
WO 2001016270 A1 20010308 WO 2000-EP8075 20000816
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001016271 A1 20010308 WO 2000-EP8076 20000816
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001016261 A2 20010308 WO 2000-EP8078 20000816
WO 2001016261 A3 20010830
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

L5 ANSWER 43 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
BR 2000013746 A 20020507 BR 2000-13746 20000816
BR 2000013744 A 20020514 BR 2000-13744 20000816
EP 1208185 A2 20020529 EP 2000-953179 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
EP 1208186 A1 20020529 EP 2000-958470 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
EP 1208188 A1 20020529 EP 2000-962335 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
BR 2000013737 A 20020604 BR 2000-13737 20000816
US 6302921 B1 20011016 US 2000-649668 20000829
US 6451752 B1 20020917 US 2000-650139 20000829
PRAI GB 1998-19046 A 19980901
GB 1999-6474 A 19990319
GB 1999-7713 A 19990401
GB 1999-7714 A 19990401
WO 1999-GB2876 W 19990901
WO 1999-GB2878 W 19990901
GB 2000-4844 A 20000229
GB 2000-4847 A 20000229
GB 2000-4849 A 20000229
GB 2000-4850 A 20000229
GB 2000-4858 A 20000229
GB 2000-4990 A 20000301
GB 2000-6961 A 20000322
WO 2000-EP2590 W 20000322
WO 2000-EP7561 W 20000804
WO 2000-EP7563 W 20000804
WO 2000-EP8075 W 20000816
WO 2000-EP8076 W 20000816
WO 2000-EP8078 W 20000816
OS HARPAT 132-20505
IT 4152-09-49, N-Benzylethylenediamine
RL: IMP (Industrial manufacture); RCT (Reactant); PREP (Preparation);
RACIT (Reactant or reagent)
(ligand precursor; compns. contg. transition metal complex catalysts
for bleaching laundered fabrics with atm. oxygen)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)
 $H_2N-CH_2-CH_2-NH-CH_2-Ph$

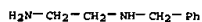
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 44 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:161417 CAPLUS
DN 132:209503
TI Composition and method for bleaching a substrate such as laundered
fabrics
IN Appel, Adrianus Cornelis Maria; Carins, Riccardo Filippo; Delroisse,
Michel Gilbert Jose; Perings, Bernard Lucas; Gierard, Jean-Jacques; Hage,
Ronald; Kalmeijer, Robertus Everardus; Martens, Constantinus Franciscus;
Peelen, Jacobus Carolina Johannes; Que, Lawrence; Swarthoff, Ton; Tetard,
David; Thornthwaite, David; Tiwari, Laxmikant; Thijssen, Rob; Twisker,
Robin Stefan; Veerman, Simon Marinus; Van Der Voet, Gerrit
Unilever Plc, UK; Unilever NV; Hindustan Lever Limited
PCT Int. Appl., 83 pp.
CODEN: PXXXX2
DT Patent
LA English
FAN.CNT 13
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 2000012667 A1 20000309 WO 1999-GB2876 19990901
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CZ,
DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
CA 2142820 AA 20000309 CA 1999-2342820 19990901
AU 9956368 A1 20000321 AU 1999-56368 19990901
US 6242409 B1 20010605 US 1999-388167 19990901
EP 1109884 A1 20010627 EP 1999-943083 19990901
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 9913364 A 20020122 BR 1999-13364 19990901
WO 2000060043 A1 20010102 WO 2000-EP2587 20000322
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2000060044 A1 20010102 WO 2000-EP2590 20000322
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1165738 A1 20020102 EP 2000-918830 20000322
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
BR 200009457 A 20020108 BR 2000-9457 20000322

L5 ANSWER 44 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
WO 2001016270 A1 20010308 WO 2000-EP8075 20000816
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001016271 A1 20010308 WO 2000-EP8076 20000816
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
WO 2001016261 A2 20010308 WO 2000-EP8078 20000816
WO 2001016261 A3 20010830
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
BR 2000013746 A 20020507 BR 2000-13746 20000816
BR 2000013744 A 20020514 BR 2000-13744 20000816
EP 1208185 A2 20020529 EP 2000-953179 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
EP 1208186 A1 20020529 EP 2000-958470 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
EP 1208188 A1 20020529 EP 2000-962335 20000816
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
BR 2000013737 A 20020604 BR 2000-13737 20000816
WO 2001016272 A2 20010308 WO 2000-EP8144 20000817
WO 2001016272 A3 20010830
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
BR 2000013745 A 20020514 BR 2000-13745 20000817
EP 1208107 A2 20020529 EP 2000-969243 20000817
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
US 6432900 B1 20020813 US 2000-650148 20000829
PRAI GB 1998-19046 A 19980901

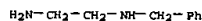
cas online printout

L5 ANSWER 44 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
GB 1999-6474 A 19990319
GB 1999-7714 A 19990401
GB 1999-7713 A 19990401
WO 1999-GB2676 W 19990901
WO 1999-GB2678 W 19990901
GB 2000-4849 A 20000229
GB 2000-4850 A 20000229
GB 2000-4854 A 20000229
GB 2000-4858 A 20000229
GB 2000-4990 A 20000301
GB 2000-6961 A 20000322
WO 2000-EP2590 W 20000322
WO 2000-EP8075 W 20000816
WO 2000-EP8076 W 20000816
WO 2000-EP8078 W 20000816
WO 2000-EP8144 W 20000817
OS MARPAT 132:209503
IT 4152-09-4P, N-Benzylethylenediamine
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation);
RAC (Reactant or reagent)
(ligand precursor; compns. contg. transition metal complex catalysts
for bleaching laundered fabrics with atm. oxygen)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



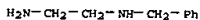
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 45 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:104827 CAPLUS
DN 132:322124
TI A new method for the synthesis of tri-tert-butyl
diethylenetriaminepentaacetic acid and its derivatives
AU Achilefu, Samuel; Wilhelm, R. Randy; Jimenez, Hermo N.; Schmidt, Michelle
A.; Srinivasan, Ananth
CS Discovery Research Mallinckrodt Inc., St. Louis, MO, 63042, USA
SO Journal of Organic Chemistry (2000), 65(5), 1562-1565
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
QS CASREACT 132:322124
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis of tri-tert-Bu diethylenetriaminepentaacetic acid and its
peptide conjugates)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



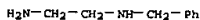
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 46 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:97642 CAPLUS
DN 132:202274
TI Intramolecular stacking of two aromatic rings in the platinum(II)
coordination sphere: preparation, crystal structures, and 1H NMR spectra
of bipyridine(N-arylmethyl-1,2-ethanediamine)platinum(II) nitrate
AU Goto, Masafumi; Maesumoto, Takashi; Sumimoto, Masamitsu; Kurosaki,
Hiromasa
CS Faculty of Pharmaceutical Sciences, Kumamoto University, Kumamoto,
862-0973, Japan
SO Bulletin of the Chemical Society of Japan (2000), 73(1), 97-105
CODEN: BCSJAB; ISSN: 0009-2673
PB Chemical Society of Japan
DT Journal
LA English
IT 4152-09-4, N-Benzyl-1,2-ethanediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(for prepn. of platinum(II) (arylmethyl)ethanediamine bipyridine
complex with arom. ring stacking interactions)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 47 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 2000:21599 CAPLUS
DN 132:64070
TI Preparation of N-acyl-N-aryltrifluoromethanesulfonamides, their acylating
agents, and acylation using them
IN Tomioka, Kiyoshi; Hanasaka, Yasuaki; Katsura, Kimio
PA Tosoh Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 2000007647 A2 20000111 JP 1998-177065 19980624
PRA1 JP 1998-177065 19980624
OS CASREACT 132:64070; MARPAT 132:64070
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of acetamides by acylation of amides with arom. sulfonamides)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

LS ANSWER 48 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:79705 CAPLUS
DN 131:260302
TI X-ray diffraction studies, electrical and optical properties of some metal complexes of the ligand including 1-amino-3-(N-benzylamino) propane
AU Aydogdu, Y.; Yakuphanoglu, F.; Aydogdu, A.; Sekerci, M.; Balci, Y.; Aksoy, I.
CS Faculty of Arts and Sciences, Department of Physics, Firat University, Elazig, Turk.
SO Synthetic Metals (1999), 107(3), 191-196
CODEN: SYMEDZ; ISSN: 0379-6779
PB Elsevier Science S.A.
DT Journal
LA English
IT 13910-48-09, N-Benzyl-1,3-propanediamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction to give cadmium, copper and nickel benzylpropanediamine complexes)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

$H_2N-CH_2-CH_2-NH-CH_2-Ph$

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 49 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:671040 CAPLUS
DN 131:286531
TI Preparation of benzyltetrahydropyrimidines, benzylidihydroimidazoles, and related compounds with serotonin 5-HT1D.alpha. receptor binding activity
IN Glennon, Richard A.; Law, Ho
PA Virginia Commonwealth University, USA
SO U.S., 9 pp., Cont.-in-part of U. S. 715,792.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5969137	A	19991019	US 1997-821297	19970320
WO 9812183	A1	19980326	WO 1997-CA680	19970917
M: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZM, AM, AZ, BY, BG, CZ, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9742918	A1	19980414	AU 1997-42918	19970917
US 6048862	A	20000411	US 1999-265972	19990311
PRAI US 1996-715792		19960919		
US 1997-821297		19970320		
WO 1997-CA680		19970917		
OS MARPAT 131:286531				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent) (for prepn. of benzyltetrahydropyrimidines, benzylidihydroimidazoles, and related compds. with serotonin 5-HT1D.alpha. receptor binding activity)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

$H_2N-CH_2-CH_2-NH-CH_2-Ph$

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 50 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:497817 CAPLUS
DN 131:350833
TI Chemoselective alkoxycarbonylation reagent having trifluoromethylsulfonyl-4-trifluoromethylanilide as a leaving group
AU Yasuhara, Tomohisa; Nagao, Yasuo; Tomioka, Kiyoshi
CS Sakyo-ku, Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto, 606-8501, Japan
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1999), (16), 2233-2234
CODEN: JCPRB4; ISSN: 0300-922X
PB Royal Society of Chemistry
DT Journal
LA English
OS CASREACT 131:350833
IT 4152-09-4, N-(Phenylmethyl)-1,2-ethanediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(chemoselective alkoxycarbonylation of amines using [(trifluoromethyl)phenyl] [(trifluoromethyl)sulfonyl] carbamate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

$H_2N-CH_2-CH_2-NH-CH_2-Ph$

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 51 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:479694 CAPLUS
DN 131:193315
TI Study of Ni(II), Pd(II), and Cu(II) complexes derived from the new Schiff base ligand N-benzyl-N'-(2-benzoyl-1-methylethenyl)ethylenediamine
AU Lopez-Jimenez, Jorge A.; Vergara, Elvia Soaa
CS Inst. Invest. Cient., Univ. Guanajuato, Guanajuato, 36040, Mex.
SO Congreso Iberoamericano de Quimica Inorganica, Proceedings, 7th, Monterrey, Mex., Apr. 25-30, 1999 (1999), 363-366 Publisher: Academia Mexicana de Quimica Inorganica, Mexico City, Mex.
CODEN: 67WQAF
DT Conference
LA Spanish
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(for prepn. of transition metal N-benzyl-N'-(2-benzoyl-1-methylethenyl)ethylenediamine complexes)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

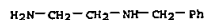
$H_2N-CH_2-CH_2-NH-CH_2-Ph$

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

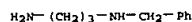
cas online printout

LS ANSWER 52 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:438754 CAPLUS
DN 131:58826
TI Imidazoles with serotonin receptor binding activity
IN Glennon, Richard A.
PA Virginia Commonwealth University, USA
SO Can. Pat. Appl., 22 pp.
CODEN: CPXXEB
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI CA 2232467 AA 19980920 CA 1998-2232467 19980317
US 6124338 A 20000926 US 1998-107387 19980630
US 6288101 B1 20010911 US 1999-339809 19990625
PRA1 US 1997-821295 A 19970320
OS MARPAT 131:58826
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of imidazoles with serotonin receptor binding activity)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

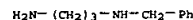


LS ANSWER 53 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:347566 CAPLUS
DN 131:155707
TI Antibacterial activities of new synthetic divalent cation chelators
AU Ashoori, Mandana; Ohta, Michio; Ohsuka, Shinji; Shibayama, Keigo; Horii, Toshinobu; Ueda, Minoru; Kurosaki, Hiromasa
CS Department of Oral Surgery, Nagoya University School of Medicine, Nagoya, 466-8550, Japan
SO Microbiology and Immunology (1999), 43(4), 311-316
CODEN: MIIMDV; ISSN: 0385-5600
PB Center for Academic Publications Japan
DT Journal
LA English
IT 13910-48-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

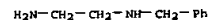
LS ANSWER 54 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1999:206219 CAPLUS
DN 130:305575
TI Synthesis and complexation of new unsymmetrical 1,2-dihydroxyimino-3,7-diaza-8-phenyloctane
AU Sekerci, Memet
CS Faculty of Arts and Sciences, Chemistry Department, Firat University, Elazig, 23169, Turk.
SO Synthesis and Reactivity in Inorganic and Metal-Organic Chemistry (1999), 29(3), 487-497
CODEN: SRIMCN; ISSN: 0094-5714
PB Marcel Dekker, Inc.
DT Journal
LA English
IT 13910-48-0P, (N-Benzylamino)-1,3-diaminopropane
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(reactant for prepn. of 1,2-dihydroxyimino-3,7-diaza-8-phenyloctane)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

LS ANSWER 55 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1998:793116 CAPLUS
DN 130:52732
TI Preparation of substituted peptide amides as calcium channel blockers
IN Hu, Lain-yen; Malone, Thomas Charles; Nadaodi, Laszlo; Rafferty, Michael Francis; Ryder, Todd Robert; Silva, Diego F.; Song, Yuntao; Szoke, Balazs G.; Urge, Laszlo
PA Warner-Lambert Company, USA; Neurex Corporation; et al.
SO PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

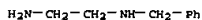
PI WO 9854123 A1 19981203 WO 1998-US10838 19980528
W: AL, AU, BA, BB, BG, BR, CA, CH, CZ, DE, EE, ES, FI, FR, GB, GR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CP, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
AU 9876989 A1 19981230 AU 1998-76989 19980528
US 6117841 A 20000912 US 1999-230229 19990119
PRA1 US 1997-48252P P 19970530
US 1997-52191P P 19970710
WO 1998-US10838 W 19980528
OS MARPAT 130:52732
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of substituted dipeptide amides as calcium channel blockers)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



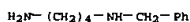
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

cas online printout

L5 ANSWER 56 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1998:712648 CAPLUS
DN 130:24979
TI Preparation of quinoline derivatives and drugs containing them for
treatment of bone metabolic disorders
IN Oku, Teruo; Sato, Shigeki; Inoue, Takayuki; Urano, Yasuji; Yoshimitsu,
Tatsuya; Yoshida, Noriko
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 60 pp.
CODEN: JXXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 10291988 A2 19981104 JP 1998-104370 19980415
PRA1 AU 1997-6225 19970415
OS MARPAT 130:24979
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of quinoline derivs. for treatment of bone metabolic diseases)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

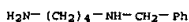


L5 ANSWER 57 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1998:220203 CAPLUS
DN 129:4517
TI Solid phase organic synthesis of polyamine derivatives and initial
biological evaluation of their antitumoral activity
AU Tomasi, Sophie; Le Roch, Myriam; Renault, Jacques; Corbel, Jean-Charles;
Uriac, Philippe; Carboni, Bertrand; Moncoq, Damien; Martin, Benedicte;
Delcroix, Jean-Guy
CS Pharmacochimie de Molecules de Synthese et de Produits Naturels, Fac. de
Pharmacie, Rennes, 35043, Fr.
SO Bioorganic & Medicinal Chemistry Letters (1998), 8(6), 635-640
CODEN: BMCLER; ISSN: 0960-894X
PB Elsevier Science Ltd.
DT Journal
LA English
IT 122605-06-5P 196880-35-0P
RL: BAC (Biological activity or effector, except adverse); BSU
(Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(solid phase org. synthesis of polyamine derivs. and initial biol.
evaluation of antitumoral activity)
RN 122605-06-5 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX
NAME)



● 2 HCl

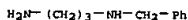
RN 196880-35-0 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX
NAME)



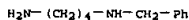
● HCl

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 58 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1998:126254 CAPLUS
DN 128:204878
TI Preparation of pyrazinobenzothiazine derivatives and analogs for the
treatment of inflammation and autoimmune diseases
IN Kaneko, Tooshihiko; Clark, Richard; Ohi, Norihito; Ozaki, Fumihiro;
Kawahara, Tatsuya; Kamada, Atsushi; Okano, Kazuo; Yokohama, Hiromitsu;
Muranoto, Kenzo; Arai, Tohru; Ohkuro, Masayoshi; Takenaka, Osamu; Sonoda,
Jiro
PA Eisai Co., Ltd., Japan; Kaneko, Tooshihiko; Clark, Richard; Ohi, Norihito;
Ozaki, Fumihiro; Kawahara, Tatsuya; Kamada, Atsushi; Okano, Kazuo;
Yokohama, Hiromitsu; et al.
SO PCT Int. Appl., 1344 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 9806720 A1 19980219 WO 1997-JP2787 19970808
W: AU, CA, CN, HU, JP, KR, MX, NO, NZ, RU, US
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT.
SE AU 9737849 A1 19980306 AU 1997-37849 19970808
ZA 9707103 A 19990208 ZA 1997-7103 19970808
EP 934941 A1 19990811 EP 1997-934750 19970808
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
FI
PRA1 JP 1996-210344 19960809
WO 1997-JP2787 19970808
OS MARPAT 128:204878
IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of pyrazinobenzothiazine derivs. and analogs for treatment of
inflammation and autoimmune diseases)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 59 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:790833 CAPLUS
DN 128:102176
TI Solid phase synthesis of polyamine conjugates for the study of
trypanothione reductase
AU Marsh, Ian R.; Bradley, Mark
CS Department of Chemistry, University of Southampton, Southampton, SO17
1BJ, UK
SO Tetrahedron (1997), 53(51), 17317-17334
CODEN: TETRAB; ISSN: 0040-4020
PB Elsevier Science Ltd.
DT Journal
LA English
IT 29867-04-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(solid phase synthesis of polyamine conjugates for the study of
trypanothione reductase)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



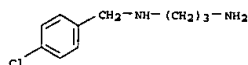
cas online printout

LS ANSWER 60 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:784200 CAPLUS
DN 128:48239
TI Preparation of cyclic nitroguanidines as insecticides
IN Oura, Takeahi; Matsuno, Hiromi; Odaka, Kenji
PA Mitsui Toatsu Chemicals, Inc., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09316056	A2	19971209	JP 1996-128658	19960523
PRAI	JP 1996-128658		19960523		
OS	CASREACT 128:48239; MARPAT 128:48239				
IT	13910-48-0, N-Benzylpropane-1,3-diamine 61798-10-5				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(prepn. of cyclic nitroguanidines by condensation of alkanediamines with nitroguanidine using alkali metal salts)				
RN	13910-48-0 CAPLUS				
CN	1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

H₂N⁺ (CH₂)₃-NH-CH₂-Ph

RN 61798-10-5 CAPLUS
CN 1,3-Propanediamine, N-((4-chlorophenyl)methyl)- (9CI) (CA INDEX NAME)



LS ANSWER 61 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:749499 CAPLUS
DN 128:70381
TI Benzylpolyamines: novel, potent N-methyl-D-aspartate receptor antagonists
AU Igatahshi, Kazuei; Shirahata, Akira; Pakk, Albert J.; Kashiwagi, Keiko; Williams, Keith
CS Department of Pharmacology, University of Pennsylvania School of Medicine, Philadelphia, PA, USA
SO Journal of Pharmacology and Experimental Therapeutics (1997), 283(2), 533-540
CODEN: JPETAB; ISSN: 0022-3565
PB Williams & Wilkins
DT Journal
LA English
IT 13910-48-0
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study) (structure activity relations of benzylpolyamines as potent N-methyl-D-aspartate receptor antagonists)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N⁺ (CH₂)₃-NH-CH₂-Ph

LS ANSWER 62 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:746059 CAPLUS
DN 128:3850
TI Preparation of 3-deacledinose-2,3-anhydroerythromycins as bactericides
IN Elliott, Richard L.; Or, Yat Sun; Chu, Daniel T.; Griesgraber, George W.; Plattner, Jacob J.; Pireh, Daisy
PA Abbott Laboratories, USA
SO PCT Int. Appl., 184 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9742205	A1	19971113	WO 1997-US7051	19970425
	W: AU, BR, CA, CN, CZ, HU, IL, JP, KR, MX, NZ				
	RN: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	US 5750510	A	19980512	US 1997-832741	19970404
	ZA 9703409	A	19971118	ZA 1997-3409	19970421
	AU 9727453	A1	19971126	AU 1997-27453	19970425
	AU 710532	B2	19990923		
	EP 922050	A1	19990616	EP 1997-921411	19970425
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
PI	CN 1224426	A	19990728	CN 1997-196074	19970425
	BR 9708930	A	19990803	BR 1997-8930	19970425
	JP 2002502366	T2	20020122	JP 1997-539967	19970425
	KR 2000011071	A	20000225	KR 1998-709226	19981107
PRAI	US 1996-646418	A	19960507		
	US 1997-832741	A	19970404		
	WO 1997-US7051	M	19970425		
OS	MARPAT 128:3850				
IT	4152-09-4, N-Benzylethylenediamine				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(prepn. of 3-deacledinose-2,3-anhydroerythromycins as bactericides)				
RN	4152-09-4 CAPLUS				
CN	1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

H₂N-CH₂-CH₂-NH-CH₂-Ph

LS ANSWER 63 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:640433 CAPLUS
DN 127:293222
TI Preparation of tricyclic compounds as drug candidates
IN Wakimasu, Mitsuhiro; Ikemoto, Tomoki
PA Takeda Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 21 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09249666	A2	19970922	JP 1996-243904	19960913
PRAI	JP 1996-32605		19960112		
OS	MARPAT 127:293222				
IT	196880-35-0				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(prepn. of tricyclic compds. as drug candidates)				
RN	196880-35-0 CAPLUS				
CN	1,4-Butanediamine, N-(phenylmethyl)-, monohydrochloride (9CI) (CA INDEX NAME)				

H₂N⁺ (CH₂)₄-NH-CH₂-Ph

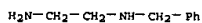
● HCl

cas online printout

L5 ANSWER 64 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:52575 CAPLUS
 DN 127:135556
 TI Preparation of diaza-, triaza- and tetrazaalkane chelating agents for use as medicinal diagnostic and therapeutic agents
 IN Platzeck, Johannes; Mareski, Peter; Niedballa, Ulrich; Raduechel, Bernd
 PA Schering A.-G., Germany
 SO Ger. Offen., 11 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 PAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19601060	A1	19970710	DE 1996-19601060	19960104
DE 19601060	C2	20020425		
CA 2241825	AA	19970717	CA 1996-2241825	19961220
WO 9725305	A1	19970717	WO 1996-DE2476	19961220

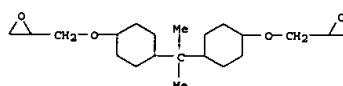
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, DE, EE, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
 AU 9718703 A1 19970801 AU 1997-18703 19961220
 EP 871608 A1 19981021 EP 1996-946110 19961220
 EP 871608 B1 20000405
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI
 JP 2000502715 T2 20000307 JP 1997-524731 19961220
 AT 191456 E 20000415 AT 1996-946110 19961220
 ES 2145517 T3 20000701 ES 1996-946110 19961220
 US 6080785 A 20000627 US 1998-101032 19980629
 NO 9603103 A 19980703
 DE 1996-19601060 A 19960104
 WO 1996-DE2476 W 19961220
 OS MARPAT 127:135556
 IT 4152-09-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. of diaza- and triaza- and tetrazaalkane chelating agents for use as medicinal diagnostic and therapeutic agents)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



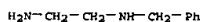
L5 ANSWER 65 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:442727 CAPLUS
 DN 127:110380
 TI Epoxy resin compositions for weather-resistant coatings with excellent curing property at ordinary temperature
 IN Yamanaka, Masahiko; Nobe, Tomio; Takatsuji, Shigeo
 PA New Japan Chemical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese
 PAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09157357	A2	19970617	JP 1995-346908	19951212
JP 1995-346908		19951212		
OS MARPAT 127:110380				
IT 192387-19-2P 192387-20-5P 192387-21-6P				

RL: IMP (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (epoxy resin compns. for weather-resistant coatings with excellent curing property at ordinary temp.)
 RN 192387-19-2 CAPLUS
 CN Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-cyclohexanediylloxymethylene)]bis[oxirane] and N-(phenylmethyl)-1,2-ethanediamine (9CI) (CA INDEX NAME)
 CM 1
 CRN 13410-58-7
 CMP C21 H36 O4

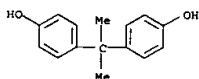


CM 2
 CRN 4152-09-4
 CMP C9 H14 N2

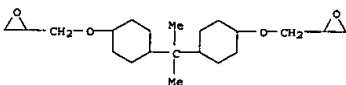


CM 3
 CRN 80-05-7
 CMP C15 H16 O2

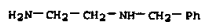
L5 ANSWER 65 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



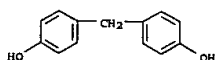
RN 192387-20-5 CAPLUS
 CN Phenol, 4,4'-methylenebis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-cyclohexanediylloxymethylene)]bis[oxirane], 4,4'-(1-methylethylidene)bis[phenol] and N-(phenylmethyl)-1,2-ethanediamine (9CI) (CA INDEX NAME)
 CM 1
 CRN 13410-58-7
 CMP C21 H36 O4



CM 2
 CRN 4152-09-4
 CMP C9 H14 N2

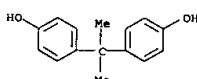


CM 3
 CRN 620-92-8
 CMP C13 H12 O2

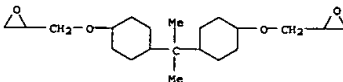


CM 4
 CRN 80-05-7
 CMP C15 H16 O2

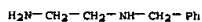
L5 ANSWER 65 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



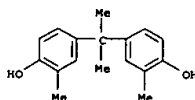
RN 192387-21-6 CAPLUS
 CN Phenol, 4,4'-(1-methylethylidene)bis[2-methyl-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-cyclohexanediylloxymethylene)]bis[oxirane] and N-(phenylmethyl)-1,2-ethanediamine (9CI) (CA INDEX NAME)
 CM 1
 CRN 13410-58-7
 CMP C21 H36 O4



CM 2
 CRN 4152-09-4
 CMP C9 H14 N2

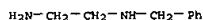


CM 3
 CRN 79-97-0
 CMP C17 H20 O2

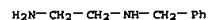


cas online printout

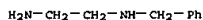
LS ANSWER 66 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:385652 CAPLUS
DN 127:5020
TI Preparation of quinolines as H⁺-ATPases inhibitors
IN Oku, Teruo; Kawai, Yoshio; Satoh, Shigeki; Yamazaki, Hitoshi; Kayakiri, Natsuko; Urano, Yasuharu; Yoshihara, Kousei; Yoshida, Noriko
PA Fujisawa Pharmaceutical Co., Ltd., Japan; Oku, Teruo; Kawai, Yoshio; Satoh, Shigeki; Yamazaki, Hitoshi; Kayakiri, Natsuko; Urano, Yasuharu; Yoshihara, Kousei; Yoshida, Noriko
SO PCT Int. Appl., 308 pp.
CODEN: PIAXD2
DT Patent
LA English
FAN CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 9714681 A1 19970424 WO 1996-JP2981 19961015
M: AU, CA, CN, JP, KR, MX, US
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE AU 9672288 A1 19970507 AU 1996-72288 19961015
EP 876345 A1 19981111 EP 1996-933647 19961015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,
FI JP 11514361 T2 19991207 JP 1996-515680 19961015
US 6008230 A 19991228 US 1998-51093 19980414
FRAI GB 1995-21102 19951016
AU 1996-1811 19960821
WO 1996-JP2981 19961015
OS MARPAT 127:5020
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of quinolines as H⁺-ATPases)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



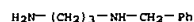
LS ANSWER 67 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:322144 CAPLUS
DN 127:50608
TI An efficient and versatile synthesis of piperazine-2-carboxamides
AU Rossen, K.; Sager, J.; DiMichele, L. M.
CS Dep. Process Res., Merck Res. Labs., Rahway, NJ, 07065, USA
SO Tetrahedron Letters (1997), 38(18), 3183-3186
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier
DT Journal
LA English
OS CASREACT 127:50608
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of piperazinecarboxamides)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 68 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:314578 CAPLUS
DN 127:28134
TI Synthesis and characterization of 1-alkyl-2-imidazoline complexes of noble metals; crystal structure of trans-[PtCl₂(N=C(H)N(Et)CH₂CH₂)(PET₃)]
AU Cetinkaya, Bakir; Cetinkaya, Engin; Hitchcock, Peter B.; Lappert, Michael F.; Ozdemir, Ismail
CS Department of Chemistry, Inonu University, Malatya, 44280, Turk.
SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1997), (8), 1359-1362
CODEN: JCDTBI; ISSN: 0300-9246
PB Royal Society of Chemistry
DT Journal
LA English
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(for prepn. of alkylimidazoline)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 69 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:97576 CAPLUS
DN 126:171551
TI Synthesis and properties of 1-substituted 1,4,5,6-tetrahydropyrimidines
AU Alici, Bulent; Cetinkaya, Engin; Cetinkaya, Bekir
CS Inonu Univ., Malatya, 44069, Turk.
SO Heterocycles (1997), 45(1), 29-36
CODEN: HTCYAM; ISSN: 0385-5414
PB Japan Institute of Heterocyclic Chemistry
DT Journal
LA English
IT 13910-48-0, N-Benzyl-1,3-diaminopropane
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of substituted tetrahydropyrimidines)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



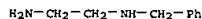
cas online printout

LS ANSWER 70 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1997:41976 CAPLUS
DN 126:74872
TI Preparation of piperidinecarboxamides as drug intermediates
IN Askin, David; Sager, Jesse W.; Rossen, Kai; Volante, Ralph P.; Reider, Paul

J.
PA Merck and Co., Inc., USA
SO PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9636629	A1	19961121	WO 1996-US6846	19960514
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, GE, HU, IS, JP, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5612484	A	19970318	US 1995-443631	19950518
TW 442475	B	20010623	TW 1996-85105482	19960509
AU 9657462	A1	19961129	AU 1996-57462	19960514
CN 1190966	A	19980819	CN 1996-195561	19960514
BR 9608467	A	19981229	BR 1996-8467	19960514
PRAI US 1995-443631	A	19950518		
WO 1996-US6846	W	19960514		
OS MARPAT 126:74872				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(prepn. of piperidinecarboxamides as drug intermediates)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



LS ANSWER 71 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1996:679135 CAPLUS
DN 125:315328
TI Polyazacycloalkane compounds
IN Schultze, Lisa; Bulla, Alan Ray
PA Nycomed Imaging A.S., Norway
SO PCT Int. Appl., 33 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9628433	A1	19960919	WO 1996-GB464	19960301
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
US 5631368	A	19970520	US 1995-478755	19950607
US 5677446	A	19971014	US 1995-478754	19950607
CA 2214990	AA	19960919	CA 1996-2214990	19960301
AU 9648391	A1	19961002	AU 1996-48391	19960301
EP 815091	A1	19980107	EP 1996-904204	19960301
EP 815091	B1	20020612		
R: DE, ES, FR, GB, IT, IE				
CN 1183775	A	19980603	CN 1996-193738	19960301
JP 10511977	T2	19981117	JP 1996-527351	19960301
JP 3059488	B2	20000704		
US 5705637	A	19980106	US 1997-790855	19970203
NO 9704170	A	19971107	NO 1997-4170	19970909
PRAI GB 1995-4910	A	19950310		
US 1995-478755	A3	19950607		
WO 1996-GB464	W	19960301		
OS MARPAT 125:315328				
IT 4152-09-4P, N-Benzylethylenediamine				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(for prepn. of gadolinium polyalkylene complexes)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

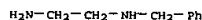


LS ANSWER 72 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1996:301154 CAPLUS
DN 124:328596
TI Photocurable composition for liquid crystal display color filter overcoat layer
IN Miyazaki, Susumu; Naga, Nariaki; Sato, Koichi; Takeyama, Hisamiki; Yamamoto, Shigeki
PA Sumitomo Chemical Co., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08050289	A2	19960220	JP 1995-123662	19950523
US 5614594	A	19970325	US 1995-453649	19950530
PRAI JP 1994-120232		19940601		
OS MARPAT 124:328596				
IT 4152-09-4, N-Benzylethylenediamine				
RL: MOA (Modifier or additive use); USES (Uses)				
(curing agent; photocurable compn. for liq. crystal display color filter overcoat layer)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

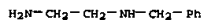


LS ANSWER 73 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1996:101014 CAPLUS
DN 124:178026
TI Weather-resistant epoxy resin compositions for outdoor coatings and electroluminescent sealants for automobiles
IN Yamanaka, Masahiko; Nobe, Tomio
PA Shin Nippon Rika Kk. Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DT Patent
LA Japanese

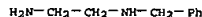
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 07316263	A2	19951205	JP 1994-108411	19940523
PRAI JP 1994-108411		19940523		
IT 4152-09-4, N-Benzylethylenediamine				
RL: MOA (Modifier or additive use); USES (Uses)				
(crosslinking agent; weather-resistant epoxy resin blends for outdoor coatings and electroluminescent sealants for automobiles)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

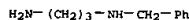


cas online printout

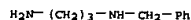
L5 ANSWER 74 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1996:28281 CAPLUS
DN 124:49628
TI Labeling a Hydrazino Nicotinamide-Modified Cyclic Iib/IIia Receptor
Antagonist with 99mTc Using Aminocarboxylates as Coligands
AU Liu, Shuang; Edwards, D. Scott; Looby, Richard J.; Harris, Anthony R.;
Poirier, Michael J.; Barrett, John A.; Heminway, Stuart J.; Carroll,
Timothy R.
CS Radiopharmaceuticals Division, DuPont Merck Pharmaceutical Company, North
Billerica, MA, 01862, USA
SO Bioconjugate Chemistry (1996), 7(1), 63-71
CODEN: BCCHES; ISSN: 1043-1802
PB American Chemical Society
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(labeling a hydrazino nicotinamide-modified cyclic Iib/IIia receptor
antagonist with 99mTc using aminocarboxylates as coligands)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



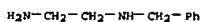
L5 ANSWER 75 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1995:960186 CAPLUS
DN 124:202953
TI N-2 Substituted purines and their use in oligonucleotides and antisense
agents
IN Cook, Phillip Dan; Ramasamy, Kanda S.; Manoharan, Muthiah
PA Isis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 94 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 97
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 9514707 A1 19950601 WO 1994-US13622 19941129
W: JP
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
US 5459255 A 19951017 US 1993-159088 19931129
EP 731807 A1 19960918 EP 1995-902698 19941129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,
SE JP 09500398 T2 19970114 JP 1994-515258 19941129
AU 713740 B2 19991209 AU 1997-26244 19970624
AU 9726244 A1 19971106
US 6232463 B1 20010515 US 1998-128508 19980804
PRAI US 1993-159088 A 19931129
US 1990-463358 B2 19900111
US 1990-566977 B2 19900813
US 1992-854634 B2 19920701
AU 1993-38025 A3 19930225
WO 1994-US13622 W 19941129
US 1997-948151 A1 19971009
OS MARPAT 124:202953
IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; prepn. of N2-substituted purines and use in
antisense oligonucleotides)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 76 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1995:951494 CAPLUS
DN 124:176818
TI N2-Substituted purines for inclusion into oligonucleotide antisense
agents
IN Cook, P. Dan; Ramasamy, Kanda S.; Manoharan, Muthiah
PA Isis Pharmaceuticals, Inc., USA
SO U.S., 26 pp. Cont.-in-part of U.S. Ser. No. 463, 358, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 97
PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 5459255 A 19951017 US 1993-159088 19931129
CA 2089376 A 19920214 CA 1991-2089376 19910812
WO 9514707 A1 19950601 WO 1994-US13622 19941129
W: JP
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
EP 731807 A1 19960918 EP 1995-902698 19941129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,
SE JP 09500398 T2 19970114 JP 1994-515258 19941129
JP 08098700 A2 19960416 JP 1995-175173 19950711
US 5587469 A 19961224 US 1995-473450 19950830
US 5608027 A 19980915 US 1996-762587 19961210
AU 713740 B2 19991209 AU 1997-26244 19970624
AU 9726244 A1 19971106
US 6166199 A 20001226 US 1998-128834 19980804
US 6232463 B1 20010515 US 1998-128508 19980804
PRAI US 1990-463358 B2 19900111
US 1990-566977 B2 19900813
US 1992-854634 B2 19920701
AU 1993-38025 A3 19930225
US 1993-159088 A 19931129
WO 1994-US13622 W 19941129
US 1995-473450 A3 19950830
US 1996-762587 A1 19961210
US 1997-948151 A1 19971009
OS MARPAT 124:176818
IT 13910-48-0, N-(3-Aminopropyl)benzylamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(N2-substituted purines for inclusion into oligonucleotide antisense
agents)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

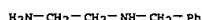


L5 ANSWER 77 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1995:810935 CAPLUS
DN 124:87682
TI Preparation of erythromycin compounds as antibacterial agents
IN Agouridas, Constantin; Benedetti, Yannick; Chantot, Jean Francoise; Denis,
Alexis; Promentin, Claude; Le Martret, Odile
PA Roussel-UCLAF, Fr.
SO U.S., 23 pp. Cont. of U. S. Ser. No. 793,864, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2
PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 5444051 A 19950822 US 1993-83636 19930628
FR 2669337 A1 19920522 FR 1990-14499 19901121
FR 2669337 B1 19950324
FR 2677025 A1 19921204
FR 2677025 B1 19950407
FR 2680790 A1 19930305
FR 2680790 B1 19961031
IL 114589 A1 19991222
ZA 9109186 A 19930224
CN 1065069 A 19921007
CN 1033974 B 19970205
US 5561118 A 19961001
US 5770579 A 19980623
PRAI FR 1990-14499 A 19901121
FR 1991-6333 A 19910527
FR 1991-10728 A 19910829
US 1991-793864 B1 19911118
IL 1991-99995 A3 19911107
US 1992-958235 B1 19921008
US 1994-220484 A3 19940331
OS MARPAT 124:87682
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of erythromycin compds. as antibacterial agents)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

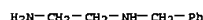


cas online printout

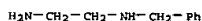
LS ANSWER 78 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:747634 CAPLUS
 DN 124:8690
 TI Synthesis of mono- and disubstituted DELTA.2-imidazolines containing fragments of a sterically hindered phenol
 AU Kelarev, V. I.; Koshchev, V. N.; Karakhanov, R. A.; Kartsev, V. G.; Zasedatelev, S. Yu.; Kustbekov, A. M.; Morozova, G. V.
 CS Gos. Akad. Nafti Gaza im. I.M. Gubkina, Moscow, Russia
 SO Khimiya Geterotsiklicheskikh Soedinenii (1995), (4), 514-17
 CODEN: KOSSAQ; ISSN: 0132-6244
 PB Latvskii Institut Organicheskogo Sintaza
 DT Journal
 LA Russian
 IT 4152-09-4, 1,2-Ethanediamine, N-(phenylmethyl)-
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclocondensation with imido esters)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



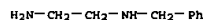
LS ANSWER 79 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:722012 CAPLUS
 DN 121:159366
 TI Synthesis and characterization of Schiff bases derived from 1:1 and 1:2 condensations of benzoylacetylacetone with N-benzylethylenediamine. Complexes with some divalent metal ions
 AU Gutierrez, J. A.; Lopez-Jimenez, J. A.; Gavino, R.; Noth, H.
 CS Fac. Quim., Univ. Guanajuato, Guanajuato, 36050, Mex.
 SO Monatshefte fuer Chemie (1995), 126(5), 505-18
 CODEN: MOCHMB; ISSN: 0026-9247
 PB Springer
 DT Journal
 LA English
 IT 4152-09-4, N-Benzylethylenediamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (for prepn. of benzoylacetylacetone Schiff base with benzylethylenediamine and its transition metal complexes)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 80 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:560749 CAPLUS
 DN 123:198737
 TI 2-(Trifluoromethyl)piperazine: synthesis and characterization using NMR and X-ray photoelectron spectroscopy
 AU Jenneskens, Leonardus W.; Mahy, Jan; de Brabander-van den Berg, Ellen M. M.; van der Hoef, Ineke; Lugtenburg, Johan
 CS Debye Inst., Utrecht Univ., Utrecht, 3584 CH, Neth.
 SO Recueil des Travaux Chimiques des Pays-Bas (1995), 114(3), 97-102
 CODEN: RTCPA3; ISSN: 0165-0513
 PB Elsevier
 DT Journal
 LA English
 IT 4152-09-4P, 1,2-Ethanediamine, N-(phenylmethyl)
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and NMR and XPS of (trifluoromethyl)piperazine)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 81 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:469260 CAPLUS
 DN 122:254733
 TI Preparation and NMR spectra of hexacoordinate metal complexes of mono(N-ethylethanediamine) and mono(N-benzylethanediamine) and crystal structure of [Co(NH3)4(N-benzylethanediamine)] (NO3)3.cntdor.1.5H2O
 AU Kurosaki, Hiromasa; Koga, Sayuri; Goto, Masafumi
 CS Fac. Pharmaceutical Sci., Kumamoto Univ., Kumamoto, 862, Japan
 SO Bulletin of the Chemical Society of Japan (1995), 68(3), 843-51
 CODEN: BCSJAB; ISSN: 0009-2673
 PB Nippon Kagakai
 DT Journal
 LA English
 IT 4152-09-4, N-Benzylethanediamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (for prepn. of cobalt or iron benzylethanediamine or ethylethanediamine complexes)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

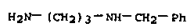


cas online printout

LS ANSWER 82 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:444227 CAPLUS
 DN 122:203887
 TI Spirodiaz and spirooxaaza alkylcyclotriphosphazenes substituted by methyl
 or dimethyl aziridines: preparation and antitumor activity
 IN Duflos, Alain; Bigg, Dennis; Castan, Florence; Bonnaud, Bernard; Etievant, Chantal; Kiss, Robert
 PA Fabre Medicament Pierre, Fr.
 SO Fr. Demande, 10 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 2706464	A1	19941223	FR 1993-7378	19930618
PRAI FR 1993-7378		19930618		
OS MARPAT 122:203888				
IT 13910-48-0				

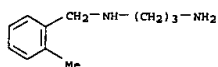
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (for prepn. of aziridine-substituted spirodiaz and spirooxaaza alkylcyclotriphosphazenes)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



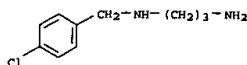
LS ANSWER 83 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:444226 CAPLUS
 DN 122:203887
 TI Aziridino-substituted spirodiazalkylcyclotriphosphazenes: preparation, cytotoxic activity and drug resistance
 IN Duflos, Alain; Bigg, Dennis; Etievant, Chantal; Kiss, Robert
 PA Fabre Medicament Pierre, Fr.
 SO Fr. Demande, 16 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 2706463	A1	19941223	FR 1993-7191	19930615
PRAI FR 1993-7191		19930615		
OS MARPAT 122:203887				
IT 38486-29-2				

 N-2-(Methylbenzyl)-1,3-propanediamine 61798-10-5, N-4-Chlorobenzyl-1,3-propanediamine 88107-66-8, N-3-Methylbenzyl-1,3-propanediamine 97145-99-8, N-3-Chlorobenzyl-1,3-propanediamine 97146-00-4, N-4-Bromobenzyl-1,3-propanediamine 97146-01-5, N-4-Fluorobenzyl-1,3-propanediamine 106353-10-0, N-4-Methylbenzyl-1,3-propanediamine 161799-65-1, N-4-tert-Butylbenzyl-1,3-propanediamine 161799-66-2, N-2-Chlorobenzyl-1,3-propanediamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (for prepn. of aziridino-substituted spirodiazalkylcyclotriphosphazene)
 RN 38486-29-2 CAPLUS
 CN 1,3-Propanediamine, N-[(2-methylphenyl)methyl]- (9CI) (CA INDEX NAME)

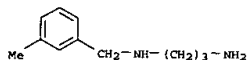


RN 61798-10-5 CAPLUS
 CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

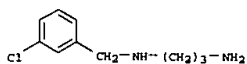


RN 88107-66-8 CAPLUS
 CN 1,3-Propanediamine, N-[(3-methylphenyl)methyl]- (9CI) (CA INDEX NAME)

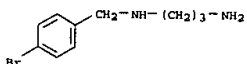
LS ANSWER 83 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



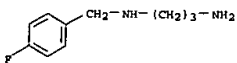
RN 97145-99-8 CAPLUS
 CN 1,3-Propanediamine, N-[(3-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



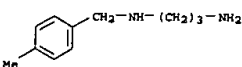
RN 97146-00-4 CAPLUS
 CN 1,3-Propanediamine, N-[(4-bromophenyl)methyl]- (9CI) (CA INDEX NAME)



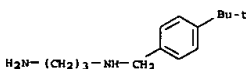
RN 97146-01-5 CAPLUS
 CN 1,3-Propanediamine, N-[(4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



RN 106353-10-0 CAPLUS
 CN 1,3-Propanediamine, N-[(4-methylphenyl)methyl]- (9CI) (CA INDEX NAME)

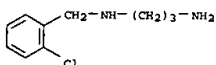


RN 161799-65-1 CAPLUS
 CN 1,3-Propanediamine, N-[(4-(1,1-dimethylethyl)phenyl)methyl]- (9CI) (CA INDEX NAME)



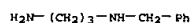
LS ANSWER 83 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

RN 161799-66-2 CAPLUS
 CN 1,3-Propanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



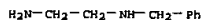
cas online printout

L5 ANSWER 84 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:422013 CAPLUS
 DN 122:218033
 TI Thermally stable derivatives of propylene polyamines as protective additives for oils for systems for the pumping of hydrogen sulfide-containing gases
 AU Trofimov, V. A.; Panidi, I. S.; Spirkin, V. G.; Leonidova, L. V.; Kozhekina, E. A.; Yekushkin, M. I.; Makarovskiy, I. A.
 IN GANG im. I. M. Gubkina, Russia
 SO Khimiya i Tekhnologiya Topliva i Masel (1995), (1), 17-18
 CODEN: KTMPAG; ISSN: 0023-1169
 PB Izdatel'stvo "Nef't i Gaz"
 DT Journal
 LA Russian
 IT 13910-48-0D, N-Benzylpropylenediamine, salts and amides with C17-20 and C>25 fatty acids and C16-18 alkylsacilic acids
 RL: MOA (Modifier or additive use); USES (Uses)
 (corrosion inhibitors for gas turbine lubricating oils)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



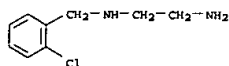
L5 ANSWER 85 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:346883 CAPLUS
 DN 122:105900
 TI Preparation of optically active benzodioxanes as anxiolytics and antidepressants
 IN Kanbe, Yoshitake; Hamada, Hiroichi
 PA Chugai Pharmaceutical Co Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 06293751	A2	19941021	JP 1993-80790	19930407
PRAI JP 1993-80790		19930407		
OS CASREACT 122:105900				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reactant; prepn. of optically active benzodioxanes as anxiolytics and antidepressants)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

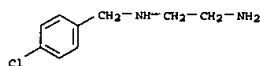


L5 ANSWER 86 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:259725 CAPLUS
 DN 122:32345
 TI Antibacterial, antifungal compound and its production method.
 IN Sasaki, Satoshi; Hata, Yoshio; Shibata, Sachio; Hashimoto, Naoto
 PA Takeda Chemical Industries, Ltd., Japan
 SO Eur. Pat. Appl., 55 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

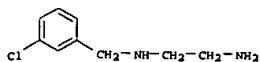
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 599265	A1	19940601	EP 1993-118809	19931123
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 06234726	A2	19940823	JP 1993-255861	19931013
CA 2109762	AA	19940525	CA 1993-2109762	19931123
PRAI JP 1992-313820		19921124		
JP 1993-255861		19931013		
IT 6241-46-9 53654-70-9 102450-75-9				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reaction with ethylene carbonate)				
RN 6241-46-9 CAPLUS				
CN 1,2-Ethanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				



RN 53654-70-9 CAPLUS
 CN 1,2-Ethanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

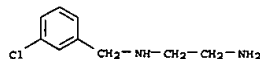


RN 102450-75-9 CAPLUS
 CN 1,2-Ethanediamine, N-[(3-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

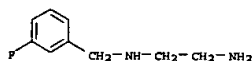


L5 ANSWER 87 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1995:234740 CAPLUS
 DN 122:31511
 TI Preparation of benzothiazolesulfonamide derivatives as myosin light chain kinase and protein kinase C inhibitors for the treatment of asthma
 IN Kajihara, Akiro; Tauchiya, Masahiko
 PA Asahi Kasei Kogyo Kabushiki Kaisha, Japan
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXDI
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9419336	A1	19940901	WO 1994-JP71	19940120
R: CA, KR, US				
CA 2118425	AA	19940901	CA 1994-2118425	19940120
EP 638564	A1	19950215	EP 1994-904742	19940120
EP 638564	B1	19950901		
R: DE, ES, FR, GB, IT				
ES 2134928	T3	19991016	ES 1994-904742	19940120
JP 06298749	A2	19941025	JP 1994-14464	19940208
US 5504098	A	19960402	US 1995-318682	19950209
PRAI JP 1993-30007		19930219		
WO 1994-JP71		19940120		
OS MARPAT 122:31511				
IT 102450-75-9 123566-39-2				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(prepn. of benzothiazolesulfonamide derivs. as myosin light chain kinase and protein kinase C inhibitors)				
RN 102450-75-9 CAPLUS				
CN 1,2-Ethanediamine, N-[(3-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				

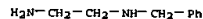


RN 123566-39-2 CAPLUS
 CN 1,2-Ethanediamine, N-[(3-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

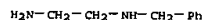


cas online printout

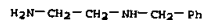
LS ANSWER 88 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:656302 CAPLUS
DN 121:266302
TI Synthesis and Biological Activity of 3-[2-(Dimethylamino)ethyl]-5-[(1,1-dioxo-5-methyl-1,2,5-thiadiazolidin-2-yl)methyl]-1H-indole and Analogs; Agonists for the 5-HT1D Receptor
AU Castro, Jose L.; Baker, Raymond; Guiblin, Alexander R.; Hobbs, Sarah C.; Jenkins, Matthew R.; Russell, Michael G. N.; Bear, Margaret S.; Stanton, Josephine A.; Scholey, Kate; et al.
CS Chemistry Department, Merck Sharp Dohme Research Laboratories, Harlow/Essex, CM20 2QR, UK
SO Journal of Medicinal Chemistry (1994), 37(19), 3023-32
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(synthesis and hydroxytryptamine receptor agonistic activity of (thiadiazolidinylmethyl)tryptamine analogs)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



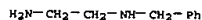
LS ANSWER 89 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:604978 CAPLUS
DN 121:204978
TI Preparation of carbamoylformamide derivatives as formylating agents and formamides
IN Kikukawa, Yasuo; Akikusa, Norie; Mitsui, Kimyo; Sakamoto, Takeshi
PA Kikukawa Yasuo, Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAP
DT Patent
LA Japanese
FAN: CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 06145121 A2 19940524 JP 1992-208384 19920713
PRAI JP 1992-208384 19920713
OS CASREACT 121:204978; MARPAT 121:204978
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(formylation of, by N-(N,N-diethylcarbamoyl)-N-methoxyformamide)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 90 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:582031 CAPLUS
DN 121:182031
TI Liquid epoxy resin compositions with good weather resistance after curing
IN Yamaneke, Masahiko; Fukuda, Hideo; Tani, Shoji
PA Shin Nippon Rika KK, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAP
DT Patent
LA Japanese
FAN: CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 06136092 A2 19940517 JP 1992-312835 19921027
JP 3339083 B2 20021028
PRAI JP 1992-312835 19921027
IT 4152-09-4D, N-Benzylethylenediamine, polymers with diglycidyl ethers of cycloaliph. diols
RL: TEM (Technical or engineered material use); USES (Uses)
(coatings, weather-resistant)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 91 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:564686 CAPLUS
DN 121:164686
TI Nucleophilic Displacement Reactions at Benzyl Halide Self-Assembled Monolayer Film Surfaces
AU Koloski, Timothy S.; Dulcey, Charles S.; Haralson, Quillian J.; Calvert, Jeffrey M.
CS Center for Bio/Molecular Science and Engineering, Naval Research Laboratory, Washington, DC, 20375-5348, USA
SO Langmuir (1994), 10(9), 3122-33
CODEN: LANGD5; ISSN: 0743-7463
DT Journal
LA English
IT 4152-09-4P
RL: FORM (Formation, nonpreparative); PREP (Preparation)
(formation of, by nucleophilic displacement reaction of chemisorbed benzyl halide)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

LS ANSWER 92 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:534115 CAPLUS
DN 121:134115
TI Preparation imidazole derivatives as calcium channel blockers.
IN Moldt, Peter; Ostergaard, Nielsen Elsebet
PA Neurosearch A/S, Den.
SO Eur. Pat. Appl., 16 pp.
CODEN: EPXXDM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 598962	A1	19940601	EP 1992-610082	19921120
	EP 598962	B1	19990217		

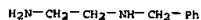
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

US 5296493	A	19940322	US 1991-704469	19910523
AT 176781	E	19990215	AT 1992-610082	19921120

PRA1 US 1991-704469 19910523
US 1991-704469 19910523
EP 1992-610082 19921120

OS MARPAT 121:134115
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in prepn. of calcium channel blockers)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



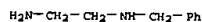
LS ANSWER 93 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:453225 CAPLUS
DN 121:53225
TI Organic amine phosphonic acid complexes with particle-emitting radionuclides for the treatment of calcific tumors
IN Simon, Jaime; Garlich, Joseph R.; Goeckeler, William F.; Wilson, Davis A.; Volkert, Wynn A.; Troutner, David E.
PA Dow Chemical Co., USA
SO U.S., 14 pp. Cont.-in-part of U.S. 5,066,478.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5300279	A	19940405	US 1990-629894	19901219
	US 4898724	A	19900206	US 1987-50263	19870514
	US 5066478	A	19911119	US 1990-472506	19900130

PRA1 US 1984-616985 B2 19840604
US 1985-738010 B2 19850528
US 1985-803376 B2 19851204
US 1987-50263 A3 19870514
US 1990-472506 A2 19900130

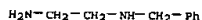
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in aminophosphonic acid prepn.)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



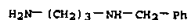
LS ANSWER 94 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:409338 CAPLUS
DN 121:9338
TI Disproportionation reactions from glyoxal and difunctional basic molecules
AU Chasseonnery, Dominique; Chastrette, Francine; Chastrette, Maurice; Blanc, Alain; Mattioda, Georges
CS Lab. Chim. Org. Phys. Synthet., Univ. C Bernard, Villeurbanne, F 69622, Fr.
SO Bulletin de la Societe Chimique de France (1994), 131(2), 188-99
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French
IT 4152-09-4, 1,2-Ethanediamine, N-phenylmethyl-
RL: RCT (Reactant); RACT (Reactant or reagent)
(disproportionation reactions from dioxal and)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



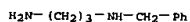
LS ANSWER 95 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:299184 CAPLUS
DN 120:299184
TI Synthesis of 2'-deoxyguanosine containing a N2-polyamine
AU Ramasamy, Kanda S.; Bakir, Farid; Baker, Brenda; Cook, P. Dan
CS ISIS Pharm., Inc., Carlsbad, CA, 92008, USA
SO Journal of Heterocyclic Chemistry (1993), 30(5), 1373-7
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in prepn. of N2-(tetraazatridecyl)deoxyguanosine)

RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

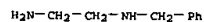


cas online printout

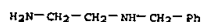
LS ANSWER 96 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:293684 CAPLUS
DN 120:293684
TI Bacterial constituents. LIX. Serratiaochelin, a new catecholate siderophore from *Serratia marcescens*
AU Ehlert, G.; Taraz, K.; Budzikiewicz, H.
CS Inst. Org. Chem., Univ. Koeln, Cologne, D-50939, Germany
SO Zeitschrift fuer Naturforschung, C: Journal of Biosciences (1994), 49(1-2), 11-17
CODEN: ZNCBDA; ISSN: 0341-0382
DT Journal
LA English
IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent) [transamidation by, of benzoylimidazole]
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



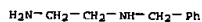
LS ANSWER 97 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:191725 CAPLUS
DN 120:191725
TI Preparation of
[[[adamantanecarbonylamino]alkyl]amino]methyl]benzodioxane derivatives having antidepressant and antianxiety activity
IN Koda, Akira; Miyauchi, Tatsu; Kanbe, Yoshitake; Hamada, Hirokazu
PA Chugai Seiyaku K. K., Japan
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN, CHT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI WO 9308182 A1 19930429 WO 1992-JP1366 19921021
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US
RM: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BP, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG
JP 06009613 A2 19940118 JP 1992-278776 19921016
JP 3136206 B2 20010219
CA 2098821 AA 19930423 CA 1992-2098821 19921021
AU 9227986 A1 19930521 AU 1992-27986 19921021
EP 565732 A1 19931020 EP 1992-922456 19921021
EP 565732 B1 19980114
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE
AT 162189 E 19980115 AT 1992-922456 19921021
ES 2112337 T3 19980401 ES 1992-922456 19921021
US 5460905 A 19960102 US 1995-369924 19950106
PRA1 JP 1991-274036 A 19911022
JP 1992-107570 A 19920427
JP 1992-278776 A 19921016
WO 1992-JP1366 A 19921021
US 1993-75490 B1 19930621
OS MARPAT 120:191725
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent) [reaction of, in prepn. of antidepressant and anxiolytic benzodioxane deriv.]
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 98 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:77192 CAPLUS
DN 120:77192
TI Synthesis of azoles and diazoles containing 1-methylindole fragments
AU Kelarev, V. I.; Gessenov, G. Sh.; Karakhanov, R. A.; Polivin, Yu. N.
CS Gos. Inst. Nefti Gaza, Moscow, Russia
SO Izvestiya Vysishikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (1993), 36(3), 49-55
CODEN: IVUKAR; ISSN: 0579-2991
DT Journal
LA Russian
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent) [cyclocondensation of, with Et methylindolecarboximidate hydrochloride]
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

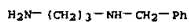


LS ANSWER 99 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:67898 CAPLUS
DN 120:67898
TI Nickel(II) complexes of dibenzoylmethane and N-benzylethylenediamine, and their Schiff monobase
AU Gutierrez, J. A.; Zarraga, M. C.; Mendoza, G.
CS Fac. Quim., Univ. Guanajuato, Mexico City, 36050, Mex.
SO Journal of Coordination Chemistry (1993), 28(3-4), 305-12
CODEN: JCCMBQ; ISSN: 0095-8972
DT Journal
LA English
IT 4152-09-4P, N-Benzylethylenediamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) [prepn. and reaction of, with nickel salts and dibenzoylmethane]
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

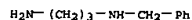


cas online printout

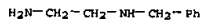
L5 ANSWER 100 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:30445 CAPLUS
DN 120:30445
TI Synthesis and evaluation of unsymmetrically substituted polyamine analogs
as modulators of human spermidine/spermine-N1-acetyltransferase (SSAT)
and
as potential antitumor agents
AU Saab, Nada H.; West, Edward E.; Bieszk, Nella C.; Preuss, Charles V.;
Mank, Amy R.; Casero, Robert A., Jr.; Wooster, Patrick M.
CS Coll. Pharm. Allied Health Profess., Wayne State Univ., Detroit, MI,
48202, USA
SO Journal of Medicinal Chemistry (1993), 36(20), 2998-3004
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT 13910-48-0P, 3-(Benzylamino)propanamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and N-acetylation of, in prepn. of N-acetyltransferase
inhibitors)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



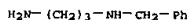
L5 ANSWER 101 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1994:8795 CAPLUS
DN 120:8795
TI Synthesis of selectively N-functionalized polyamine derivatives
AU Fiedler, Wolfgang J.; Hesse, Manfred
SO Org. Chem. Inst., Univ. Zurich, Zurich, CH-8057, Switz.
Helvetica Chimica Acta (1993), 76(4), 1511-19
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA German
OS CASREACT 120:8795
IT 13910-48-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as intermediate for polyamine alkaloids, Aphelandrin or
Verbascenin)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 102 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:472604 CAPLUS
DN 119:72604
TI Imidazole compounds, their preparation and use
IN Moldt, Peter; Nielsen, Elsebet O.
PA Neurosearch A/S, Den.
SO Can. Pat. Appl., 28 pp.
CODEN: CPXXEB
DT Patent
LA English
FAN.CNT 2
PATENT NO. KIND DATE APPLICATION NO. DATE
PI CA 2069144 AA 19921124 CA 1992-2069144 19920521
US 5296493 A 19940322 US 1991-704469 19910523
PRAT US 1991-704469
OS MARPAT 119:72604
IT 4152-09-4, N-Benzyl ethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(heterocyclization reaction of, with benzoylglycolimido Et ether)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

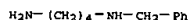


L5 ANSWER 103 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:212102 CAPLUS
DN 118:212102
TI Reduction of nitriles to amines by catalytic transfer hydrogenation
AU You, Qidong; Zhou, Houyuan; Wang, Qizhuo; Lei, Xinghan
CS Dep. Med. Chem., China Pharm. Univ., Nanjing, 210009, Peop. Rep. China
SO Huaxue Xuebao (1993), 51(1), 83-9
CODEN: HHHPA4; ISSN: 0567-7351
DT Journal
LA Chinese
OS CASREACT 118:212102
IT 13910-48-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

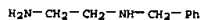


cas online printout

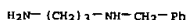
LS ANSWER 104 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:124273 CAPLUS
DN 118:124273
TI Synthesis of amido ureas and the nature of caracasamide, the
hypotensive
principle of Verbesina caracasana
AU Crombie, Leslie; Jarrett, Sandra R. M.
CS Dep. Chem., Univ. Nottingham, Nottingham, NG7 2RD, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
Bio-Organic Chemistry (1972-1999) (1992), (23), 3179-83
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
IT 29867-04-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and trifluoroacetylation of)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



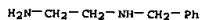
LS ANSWER 105 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:101928 CAPLUS
DN 118:101928
TI Preparation of cyanoimino-substituted heterocyclic compounds
IN Kamei, Kazuo; Takada, Masaro; Nabekawa, Shukichi
PA Nippon Chemical Industrial Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKKXAP
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 04253965 A2 19920909 JP 1991-35019 19910206
JP 3101770 B2 20001023
PRAI JP 1991-35019 19910206
OS CASREACT 118:101928; MARPAT 118:101928
IT 4152-09-4 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with cyanoiminocarbonate esters,
cyanoiminoimidazolidines or cyanoimino-hydropyrimidines from)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



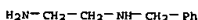
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 106 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:101502 CAPLUS
DN 118:101502
TI A new formylating reagent: N-(diethylcarbamoyl)-N-methoxyformamide
AU Akikusa, Morie; Mitsui, Kimiyo; Sakamoto, Takeshi; Kikugawa, Yasuo
CS Pac. Pharms. Sci., Jossai Univ., Sakado, 350-02, Japan
SO Synthesis (1992), (11), 1058-60
CODEN: SYNTBF; ISSN: 0039-7881
DT Journal
LA English
OS CASREACT 118:101502
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(chemoselective formylation of)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



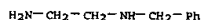
LS ANSWER 107 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1993:6977 CAPLUS
DN 118:6977
TI Preparation of [(thiadiazolyl)methyl]indoles and related compounds as
agonists of 5-HT₁-like receptors
IN Castro Pineiro, Jose Luis
PA Merck Sharp and Dohme Ltd., UK
SO Eur. Pat. Appl., 35 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI EP 501568 A1 19920902 EP 1992-200475 19920219
EP 501568 B1 19970820
R: CH, DE, FR, GB, IT, LI, NL
US 5194440 A 19930316 US 1992-639660 19920220
CA 2061812 AA 19920828 CA 1992-2061812 19920225
JP 04338389 A2 19921125 JP 1992-39930 19920227
JP 07055948 B4 19950614
PRAI GB 1991-4116 19910227
OS MARPAT 118:6977
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in prepn. of serotonergic agonists)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



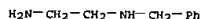
cas online printout

LS ANSWER 108 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:614107 CAPLUS
DN 117:214107
TI Ethylenediamine derivatives as adhesion-promoting primers, especially for cyanoacrylate adhesives
IN Welch, Edward K., II; McDonnell, Patrick F.; Wren, Gerald Martin
PA Loctite Corp., USA
SO PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN: CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9209669	A1	19920611	WO 1991-US8870	19911127
W: BR, CA, JP				
CA 2097120	AA	19920530	CA 1991-2097120	19911127
CA 2097120	C	19981208		
EP 559835	A1	19930915	EP 1992-903820	19911127
EP 559835	B1	19980617		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
BR 9107132	A	19931109	BR 1991-7132	19911127
JP 06503376	T2	19940414	JP 1992-503818	19911127
JP 3248721	B2	20020121		
AT 167510	E	19980715	AT 1992-903820	19911127
ES 2117043	T3	19980801	ES 1992-903820	19911127
US 5314562	A	19940524	US 1993-13143	19930201
PRAI US 1990-620227	A	19901129		
WO 1991-US8870	W	19911127		
US 1991-812771	B1	19911223		
OS MARPAT 117:214107				
IT 4152-09-4, N-Benzylethylenediamine				
RL: USES (Uses)				
(primer, for polyolefins in bonding with cyanoacrylate adhesive)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



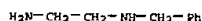
LS ANSWER 109 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 109 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:571956 CAPLUS
DN 117:171956
TI Erythromycin derivatives
IN Agourides, Constantin; Benediti, Yannick; Chantot, Jean Francois; Denis, Alexis; Fromentin, Claude; Le Martret, Odile
PA Roussel-UCLAF, Fr.
SO Eur. Pat. Appl., 76 pp.
CODEN: EPXXDW
DT Patent
LA French
FAN: CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 487411	A1	19920527	EP 1991-403119	19911120
EP 487411	B1	19960131		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
FR 2669337	A1	19920522	FR 1990-14499	19901121
FR 2669337	B1	19950324		
FR 2677025	A1	19921204	FR 1991-6333	19910527
FR 2677025	B1	19950407		
FR 2680790	A1	19930305	FR 1991-10728	19910829
FR 2680790	B1	19961031		
IL 99995	A1	19971120	IL 1991-99995	19911107
IL 114589	A1	19991222	IL 1991-114589	19911107
CA 2055912	AA	19920522	CA 1991-2055912	19911120
FI 9105469	A	19920522	FI 1991-5469	19911120
AU 9187986	A1	19920528	AU 1991-87986	19911120
AU 640290	B2	19930819		
HU 61564	A2	19930128	HU 1991-3622	19911120
HU 218787	B	20001228		
ZA 9109186	A	19930224	ZA 1991-9186	19911120
PL 167448	B1	19950930	PL 1991-292455	19911120
AT 133683	E	19960215	AT 1991-403119	19911120
ES 2082952	T3	19960401	ES 1991-403119	19911120
PL 169422	B1	19960731	PL 1991-306130	19911120
RU 2100367	C1	19971227	RU 1991-5010516	19911120
SK 281550	B6	20010409	SK 1991-3508	19911120
BR 9105062	A	19920623	BR 1991-5062	19911121
CN 1065069	A	19921007	CN 1991-111875	19911121
CN 1033974	B	19970205		
JP 04290893	A2	19921015	JP 1991-331561	19911121
JP 3130097	B2	20010131		
US 5561118	A	19961001	US 1994-220484	19940331
US 5770579	A	19980623	US 1995-378186	19950125
PRAI FR 1990-14499	A	19901121		
FR 1991-6333	A	19910527		
FR 1991-10728	A	19910829		
IL 1991-99995	A3	19911107		
US 1991-793864	B3	19911118		
US 1992-958235	B1	19921008		
US 1994-220484	A3	19940331		
OS MARPAT 117:171956				
IT 4152-09-4				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reaction of, with erythromycin deriv.)				
RN 4152-09-4 CAPLUS				

LS ANSWER 110 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:426507 CAPLUS
DN 117:26507
TI Synthesis of lactam and ketone precursors of 2,7-substituted octahydropyrrolo[1,2-a]pyrazines and octahydro-2H-pyrrolo[1,2-a]pyrazines.
AU Van den Branden, Stefan; Compennolle, Frans; Hoornaert, Georges J.
CS Lab. Org. Synth., K. U. Leuven, Louvain, B-3001, Belg.
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1992), (8), 1035-42
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
IT 4152-09-4P, N-Benzylethane-1,2-diamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and N-alkylation of, with trityl chloride)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

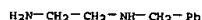


cas online printou

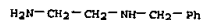
LS ANSWER 111 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:227658 CAPLUS
DN 116:227658
TI Central cholinergic agents. I. Potent acetylcholinesterase inhibitors, 2-[omega-(N-alkyl-N-(omega-phenylalkyl)amino)alkyl]-1H-isoindole-1,3(2H)-diones, based on a new hypothesis of the enzyme's active site
AU Ishihara, Yuji; Kato, Koki; Goto, Giichi
CS Chem. Res. Lab., Takeda Chem. Ind., Ltd., Osaka, 532, Japan
SO Chemical & Pharmaceutical Bulletin (1991), 39(12), 3225-35
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT 29067-04-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, with nitrophthalic anhydride)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



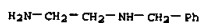
LS ANSWER 112 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:194258 CAPLUS
DN 116:194258
TI On Triazoles. Part XXVI. The reaction of dimethyl N-(1,2,4-triazol-5-yl)iminodithiocarbonates with dinucleophiles
AU Pongo, Laszlo; Dvortsak, Peter; Reiter, Jozsef
CS EGIS Pharm., Budapest, H-1475, Hung.
SO Collection of Czechoslovak Chemical Communications (1992), 57(1), 134-52
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English
OS CASREACT 116:194258
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(substitution and cyclocondensation of, with (triazolyl)iminodithiocarbonate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 113 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1992:41484 CAPLUS
DN 116:41484
TI An improved method for the preparation of 3-ethyl-8-methyl-1,3,8-triazabicyclo[4.4.0]decan-2-one (centperazine)
IN Anand, Mohinder Singh; Agarwal, Vijai Kumar; Pratap, Ram; Sharma, Satyavan; Chatterjee, Sunil Krishna; Anand, Nitya
PA Council of Scientific and Industrial Research (India), India
SO Indian, 12 pp.
CODEN: INXXAP
DT Patent
LA English
FAN, CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI IN 166475 A 19900519 IN 1985-DE1050 19851212
PRAI IN 1985-DE1050 19851212
IT 4152-09-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and cyclocondensation with di-Et maleate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

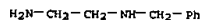


LS ANSWER 114 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:492431 CAPLUS
DN 115:92431
TI Phosphoric amides. Part 11. Intramolecular reactivity of phosphotriamidates
AU Bauermeister, Siegelinde; Modro, Agnes M.; Modro, Tom A.; Zwierzak, Andrzej
CS Dep. Chem., Univ. Pretoria, Pretoria, 0002, S. Afr.
SO Canadian Journal of Chemistry (1991), 69(5), 811-16
CODEN: CJCHAG; ISSN: 0008-4042
DT Journal
LA English
OS CASREACT 115:92431
IT 4152-09-4P, N-Benzylethylenediamine
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and cyclocondensation of, with phosphoroamidodichloride)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

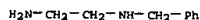


cas online printout

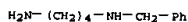
LS ANSWER 115 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:451433 CAPLUS
DN 115:51433
TI Flame-retardant self-leveling materials containing epoxy resin,
especially
for floors
IN Asakura, Takahiro
PA Aica Kogyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 03031358 A2 19910212 JP 1989-166185 19890628
PRAI JP 1989-166185 19890628
IT 4152-09-4
RL: USES (Uses)
(hardeners, for epoxy resins, as floor coverings)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



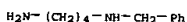
LS ANSWER 116 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:252832 CAPLUS
DN 114:252832
TI Self-leveling floor material having excellent storage stability
IN Asakawa, Fumio; Asakura, Takahiro
PA Aica Kogyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 02239139 A2 19900921 JP 1989-61262 19890314
JP 05085494 B4 19911207
PRAI JP 1989-61262 19890314
IT 4152-09-4
RL: USES (Uses)
(in self-leveling floor compns. contg. epoxy resin and lightwt.
aggregate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 117 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:159785 CAPLUS
DN 114:159785
TI Putrescine or spermidine binding site of aminopropyltransferases and
competitive inhibitors
IN Shirahata, Akira; Morohochi, Toru; Fukai, Masayo; Akatsu, Sakae; Samejima,
Kei-jiro
CS Fac. Pharm. Sci., Josai Univ., Sakado, 350-02, Japan
SO Biochemical Pharmacology (1991), 41(2), 205-12
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English
IT 29867-04-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and spermidine synthase reaction with, enzyme active site
structure in relation to)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

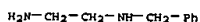


IT 122605-06-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 122605-06-5 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX
NAME)



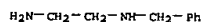
●2 HCl

LS ANSWER 118 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:143153 CAPLUS
DN 114:143153
TI Process for preparation of N-(2-aminoethyl)-5-chloropyridine-2-
carboxamide, a monoamine oxidase B inhibitor
IN Scalone, Michelangelo; Vogt, Peter
PA Hoffmann-La Roche, F., und Co. A.-G., Switz.
SO Eur. Pat. Appl., 11 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI EP 385210 A2 19900905 EP 1990-103106 19900219
EP 385210 A3 19901205
EP 385210 B1 19950215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
CA 2008878 AA 19900831 CA 1990-200878 19900130
EP 582825 A1 19940216 EP 1993-110620 19900219
EP 582825 B1 19990421
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
ES 2068264 T3 19950416 ES 1990-103106 19900219
AT 179171 E 19990515 AT 1993-110620 19900219
ES 2131544 T3 19990801 ES 1993-110620 19900219
ZA 9001321 A 19901031 ZA 1990-1321 19900221
HU 53875 A2 19901228 HU 1990-871 19900221
HU 210940 B 19950928
AU 9050153 A1 19900906 AU 1990-50153 19900223
AU 628930 B2 19920924
JP 02268161 A2 19901101 JP 1990-42718 19900226
NO 9000930 A 19900829 NO 1990-930 19900227
NO 176879 B 19950106
NO 176879 C 19950614
FI 98458 B 19970314 FI 1990-1014 19900228
FI 98458 C 19970625
US 5380861 A 19950110 US 1993-67329 19930525
US 5534635 A 19960709 US 1994-304460 19940912
PRAI CH 1989-736 19890228
CH 1989-4323 19891204
US 1990-484292 19900226
US 1991-740692 19910806
US 1993-67329 19930525
OS MARPAT 114:143153
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, in prepn. of monoamine oxidase B inhibitor)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

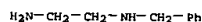


cas online printout

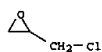
LS ANSWER 119 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:101601 CAPLUS
DN 114:101601
TI Synthesis and pharmacological properties of amidine analogs of pyracetam
AU Voronina, T. A.; Glazman, O. M.; Orlova, E. K.; Meshcheryakova, L. M.;
Zauer, V.; Eckard, R.; Garibova, T. L.; Rakhmenkulova, I. Kh.; Rostock,
A.; Siegemund, H.
CS NII Farmakol., Moscow, USSR
SO Khimiko-Farmatsevticheskii Zhurnal (1990), 24(11), 26-9
CODEN: KHFZAN; ISSN: 0023-1134
DT Journal
LA Russian
OS CASREACT 114:101601
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation reaction of, with Et oxopyrrolidineacetamide,
pyracetam analog by)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



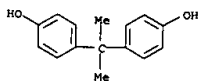
LS ANSWER 120 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1991:84061 CAPLUS
DN 114:84061
TI Self-leveling compositions for floor
IN Asakawa, Fumio; Asakura, Takahiro
PA Aica Kogyo Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKKXAP
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 02243871 A2 19980927 JP 1989-62938 19890315
PRAI JP 1989-62938 19890315
IT 132011-48-4D, reaction products with Bu glycidyl ether
RL: USES (Uses)
(leveling compns., contg. microballoons with liq. resin finish, for
floors)
RN 132011-48-4 CAPLUS
CN Phenol, 4,4'-(1-methylethylenedibis-, polymer with (chloromethyl)oxirane
and N-(phenylmethyl)-1,2-ethanediamine (9CI) (CA INDEX NAME)
CM 1
CRN 4152-09-4
CMP C9 H14 N2



CM 2
CRN 106-89-8
CMP C3 H5 Cl O

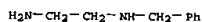


CM 3
CRN 80-05-7
CMP C15 H16 O2



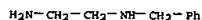
LS ANSWER 120 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

LS ANSWER 121 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1990:641511 CAPLUS
DN 113:241511
TI Hardenable resin composition useful as protective film for photoresist
IN Takeyama, Naomiki; Oi, Sakuo; Furuta, Akihiro
PA Sumitomo Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKKXAP
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 02000973 A2 19900105 JP 1989-62972 19890314
PRAI JP 1988-62951 19880315
IT 4152-09-4
RL: USES (Uses)
(hardening agent, for thermally hardening resin compns. for protective
film prepn.)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

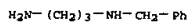


cas online printout

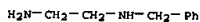
L5 ANSWER 122 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1990:552324 CAPLUS
DN 113:152324
TI Annulation of imidazolines: a 1,3-dipolar cycloaddition route to pyrroloimidazoles, pyrrolidines and pyrroles
AU Jones, Raymond C. F.; Nichols, John R.; Cox, Michael T.
CS Chem. Dep., Nottingham Univ., Nottingham, NG7 2RD, UK
SO Tetrahedron Letters (1990), 31(16), 2333-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 113:152324
IT 4152-09-4, N-Benzyl-1,2-diaminoethane
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with tri-Et orthoformate, imidazole from)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



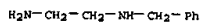
L5 ANSWER 123 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1990:497624 CAPLUS
DN 113:97624
TI Preparation of 1,4,5,6-tetrahydropyrimidines from nitriles and 1,3-propanediamines
IN Yamazaki, Takeshi; Usui, Masatoshi
PA Koei Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKKXAF
DT Patent
LA Japanese
FAN: CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 02104577 A2 19900417 JP 1988-259827 19881014
JP 2699181 B2 19980119
PRAI JP 1988-259827 19881014
OS MARPAT 113:97624
IT 13910-48-0, N-Benzyl-1,3-propanediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with nitriles, tetrahydropyrimidines from, catalysts for)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 124 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1990:497513 CAPLUS
DN 113:97513
TI Tetrahydrofolate coenzyme models: imidazolines as nucleophilic C1-transfer reagents
AU Jones, Raymond C. F.; Nichols, John R.
CS Chem. Dep., Nottingham Univ., Nottingham, NG7 2RD, UK
SO Tetrahedron Letters (1990), 31(12), 1767-70
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 113:97513
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with tri-Et orthoformate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 125 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1990:477846 CAPLUS
DN 113:77846
TI N-methoxydiacetamide: a new selective acetylating agent
AU Kikugawa, Yasuo; Mitsu, Kimiyo; Sakamoto, Takeshi; Kawase, Masami; Tamiya, Hiroshi
CS Fac. Pharm. Sci., Josai Univ., Sakado, 350-02, Japan
SO Tetrahedron Letters (1990), 31(2), 243-6
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 113:77846
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(acetylation of, with methoxydiacetamide)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



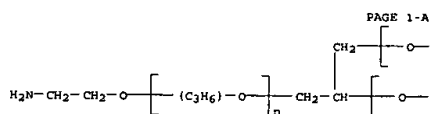
cas online printou

L5 ANSWER 126 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:442314 CAPLUS
 DN 113:42314
 TI Manufacture of polyurea elastomer products by reaction-injection molding
 IN Yamamura, Hiroshi; Asai, Seiji; Watanabe, Hitoshi; Kaneda, Toshikazu
 PA Mitsui Toatsu Chemicals, Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese
 PAN. CNT 1

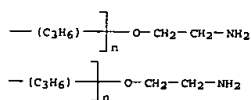
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 02041310	A2	19900209	JP 1988-190711	19880801
PRAI	JP 1988-190711		19880801		
IT	128013-38-7		128013-41-2		

RL: USES (Uses)
 (rubber, reaction-injection molded, with smooth surface)
 RN 128013-38-7 CAPLUS
 CN Propanol, [(1-methyl-1,2-ethanediyl)bis(oxy)]bis-, polymer with
 1,1'-methylenebis[4-isocyanatobenzene],
 N-(phenylmethyl)-1,2-ethanediamine
 and .alpha..alpha..alpha..1,2,3-propanetriyltris[.omega.-(2-
 aminomethylethoxy)poly[oxy(methyl-1,2-ethanediyl)]], block (9CI) (CA
 INDEX NAME)

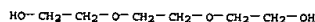
CM 1
 CRN 64852-22-8
 CMP (C3 H6 O)n (C3 H6 O)n (C3 H6 O)n C12 H29 N3 O3
 CCI IDS, PMS



3 (D1-Me)

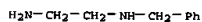


L5 ANSWER 126 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

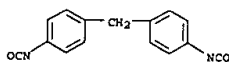


3 (D1-Me)

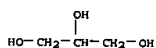
CM 2
 CRN 4152-09-4
 CMP C9 H14 N2



CM 3
 CRN 101-68-8
 CMP C15 H10 N2 O2



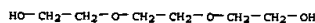
CM 4
 CRN 9082-00-2
 CMP C3 H8 O3 . 3 (C3 H6 O . C2 H4 O)x
 CM 5
 CRN 56-81-5
 CMP C3 H8 O3



CM 6
 CRN 9003-11-6
 CMP (C3 H6 O . C2 H4 O)x
 CCI PMS
 CM 7
 CRN 75-56-9
 CMP C3 H6 O

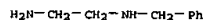
L5 ANSWER 126 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

CM 2
 CRN 24800-44-0
 CMP C9 H20 O4
 CCI IDS

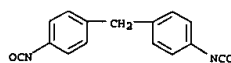


3 (D1-Me)

CM 3
 CRN 4152-09-4
 CMP C9 H14 N2



CM 4
 CRN 101-68-8
 CMP C15 H10 N2 O2



RN 128013-41-2 CAPLUS
 CN Propanol, [(1-methyl-1,2-ethanediyl)bis(oxy)]bis-, polymer with
 1,1'-methylenebis[4-isocyanatobenzene], methyloxirane polymer with
 oxirane
 ether with 1,2,3-propanetriol (3:1), and N-(phenylmethyl)-1,2-
 ethanediamine, block (9CI) (CA INDEX NAME)

CM 1
 CRN 24800-44-0
 CMP C9 H20 O4
 CCI IDS

L5 ANSWER 126 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



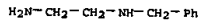
CM 8
 CRN 75-21-8
 CMP C2 H4 O



cas online printout

L5 ANSWER 127 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:406341 CAPLUS
 DN 113:6341
 TI Preparation of tetrahydroimidazo[2,1-b]benzothiazole derivatives as antiulcer agents
 IN Seki, Takeji; Tetsuka, Nariyuki; Hoshino, Ryuichi
 PA Nikken Chemicals Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKOXAP
 DT Patent
 LA Japanese
 FAN. CNT 1

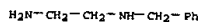
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 01319488	A2	19891225	JP 1988-152117	19880622
PRA1 JP 1988-152117		19880622		
OS MARPAT 113:6341				
IT 4152-09-4, N-Benzylethylenediamine				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(condensation of, with formaldehyde and tetrahydroimidazobenzothiazole deriv.)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



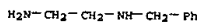
L5 ANSWER 128 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:216868 CAPLUS
 DN 112:216868
 TI Palladium(0)-catalyzed reaction of (2)-2-butene-1,4-diyl bis(methyl carbonate) and (2)-2-butene-1,4-diyl diacetate with bifunctional nitrogen nucleophiles
 AU Tsuda, Tetsuo; Kiyoi, Takao; Saegusa, Takeo
 CS Fac. Eng., Kyoto Univ., Kyoto, 606, Japan
 SO Journal of Organic Chemistry (1990), 55(10), 3388-90
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English
 OS CASREACT 112:216868
 IT 4152-09-4, N-Benzylethylenediamine
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (palladium-catalyzed cyclization of, with butenediyl dicarbonate, vinylpiperazine deriv. from)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

$$\text{H}_2\text{N}-\text{CH}_2-\text{CH}_2-\text{NH}-\text{CH}_2-\text{Ph}$$

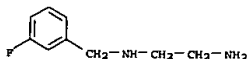
L5 ANSWER 129 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:178934 CAPLUS
 DN 112:178934
 TI A simple crab-like cyclization procedure to prepare polyaza-crowns and cyclams with one or two unsubstituted macrocyclic nitrogen atoms or with a hydroxy group
 AU Bradshaw, Jerald S.; Krakowiak, Krzysztof E.; Izatt, Reed M.
 CS Dep. Chem., Brigham Young Univ., Provo, UT, 84602, USA
 SO Journal of Heterocyclic Chemistry (1989), 26(5), 1431-5
 CODEN: JHTCAD; ISSN: 0022-152X
 DT Journal
 LA English
 OS CASREACT 112:178934
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (condensation of, with chloroacetyl chloride)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 130 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:77043 CAPLUS
 DN 112:77043
 TI Some benzyl-substituted imidazoles, triazoles, tetrazoles, pyridinethiones, and structural relatives as multisubstrate inhibitors of dopamine .beta.-hydroxylase. 4. Structure-activity relationships at the copper binding site
 AU Kruse, Lawrence I.; Kaiser, Carl; DeWolf, Walter E.; Finkelstein, Joseph A.; Frazer, James S.; Hilbert, Eileen L.; Ross, Stephen T.; Plaim, Kathryn
 CS Res. Dev. Div., Smith Kline and French Lab., King of Prussia, PA, 19406-0939, USA
 SO Journal of Medicinal Chemistry (1990), 33(2), 781-9
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 OS CASREACT 112:77043
 IT 4152-09-4P 123566-39-39
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and reaction of, with carbon disulfide)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



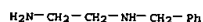
RN 123566-39-2 CAPLUS
 CN 1,2-Ethanediamine, N-[(3-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



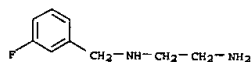
cas online printout

L5 ANSWER 131 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1990:35860 CAPLUS
 DN 112:35860
 TI Preparation of 1-alkyl-2-mercaptoimidazolines as dopamine-beta-hydroxylase inhibitors
 IN Kruse, Lawrence Ivan; Leonard, Thomas Brent; Ross, Stephen Torey
 PA SmithKline Beckman Corp., USA
 SO PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

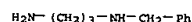
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 8906126	A1	19890713	WO 1988-US4083	19881116
W: AU, DK, JP				
US 4876266	A	19891024	US 1987-140053	19871231
AU 6929113	A1	19890801	AU 1989-29113	19881116
JP 03601728	T2	19910418	JP 1989-500866	19881116
EP 329900	A1	19890830	EP 1988-312196	19881222
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
ZA 8809708	A	19891227	ZA 1988-9708	19881229
PRAI US 1987-140053	A	19871231		
WO 1988-US4083		19881116		
OS CASREACT 112:35860; MARPAT 112:35860				
IT 4152-09-4P, N-Benzylethylenediamine 123566-39-2P, N-(3-fluorobenzyl)ethylenediamine				
RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of, as intermediate for dopamine-beta-hydroxylase inhibitor)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



RN 123566-39-2 CAPLUS
 CN 1,2-Ethanediamine, N-[(3-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 132 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:529594 CAPLUS
 DN 111:129594
 TI New substrates of polyamine oxidase. Dealkylation of N-alkyl-alpha., omega.-diamines
 AU Bolkenius, Frank N.; Seiler, Nikolaus
 CS Merrell Dow Res. Inst., Strasbourg, F-67084, Fr.
 SO Biological Chemistry Hoppe-Seyler (1989), 370(6), 525-31
 CODEN: BCHSEI; ISSN: 0177-3593
 DT Journal
 LA English
 IT 64470-77-5P, N-Benzyl-1,3-diaminopropane dihydrochloride
 122605-06-5P, N-Benzyl-1,4-diaminobutane dihydrochloride
 122605-07-6P, N-Benzyl-1,5-diaminopentane dihydrochloride
 RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and oxidative dealkylation by polyamine oxidase)
 RN 64470-77-5 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



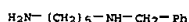
● 2 HCl

RN 122605-06-5 CAPLUS
 CN 1,4-Butanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



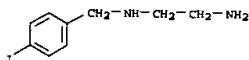
● 2 HCl

RN 122605-07-6 CAPLUS
 CN 1,5-Pentanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

L5 ANSWER 133 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:511622 CAPLUS
 DN 111:111622
 TI Preparation of [11C]- and [125I]IMB: a dopamine D-2 receptor antagonist
 IN Wilson, Alan A.; Dannals, Robert F.; Ravert, Hayden T.; Wagner, Henry N., Jr.
 CS Div. Nucl. Med. Radiat. Health Sci., Johns Hopkins Med. Inst., Baltimore, MD, 21205-2179, USA
 SO Applied Radiation and Isotopes (1989), 40(5), 369-73
 CODEN: ARISEF; ISSN: 0883-2889
 DT Journal
 LA English
 IT CASREACT 111:111622
 OS 122480-14-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
 RN 122480-14-2 CAPLUS
 CN 1,2-Ethanediamine, N-[(4-iodophenyl)methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 134 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1989:76688 CAPLUS
 DN 110:76688
 TI Chemically resistant modified epoxy resins for adhesives for building materials
 IN Kuramoto, Hiroyoshi; Watanabe, Kiyoshi
 PA Toray Thiokol Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKKXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 63186723	A2	19880802	JP 1987-19558	19870129
JP 06013689	B4	19940223		
PRAI JP 1987-19558		19870129		
IT 118822-31-4P				
RL: PREP (Preparation) (manuf. of, as chem.-resistant adhesives, for concrete)				
RN 118822-31-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)-, polymer with .alpha.-(2-mercaptoethyl)-.omega.-[(2-mercaptoethoxy)methoxy]poly(oxyethyleneoxy-1,2-ethanediyl)dithio-1,2-ethanediyl, 2,2'-[1-methylethylenediyl]bis(4,1-phenyleneoxymethylene)bis[oxirane] and Sumiepoxy ELA 115 (9CI) (CA INDEX NAME)				

CM 1

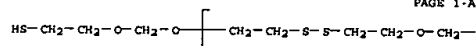
CRN 61642-77-1
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

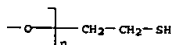
CM 2

CRN 31942-94-6
 CMF (C5 H10 O2 S2)n C5 H12 O2 S2
 CCI PMS

PAGE 1-A



PAGE 1-B



CM 3

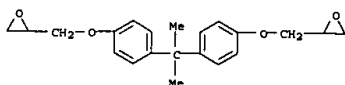
CRN 4152-09-4

cas online printout

L5 ANSWER 134 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
CMF C9 H14 H2

H₂N-CH₂-CH₂-NH-CH₂-Ph

CM 4
CRN 1675-54-3
CMF C21 H24 O4



L5 ANSWER 135 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1988:163835 CAPLUS
DN 108:163835
TI Phosphorylation of sodium-potassium ATPase; stimulation and inhibition by substituted and unsubstituted amines
AU Schuurmans, Stekhoven, F. M. A. H.; Swarts, H. G. P.; 't Lam, G. K.; Zou, Y. S.; De Pont, J. J. H. H. M.
CS Dep. Biochem., Univ. Nijmegen, Nijmegen, 6500 HB, Neth.
SO Biochimica et Biophysica Acta (1988), 937(1), 161-76
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(potassium-sodium-ATPase phosphorylation response to)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

L5 ANSWER 136 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1987:458927 CAPLUS
DN 107:58927
TI Nucleophilic addition to 4,5-dihydroimidazoles: a ketone synthesis via tetrahydrofolate coenzyme models
AU Anderson, Michael W.; Jones, Raymond C. F.; Saunders, John
CS Dep. Chem., Univ. Nottingham, Nottingham, NG7 2RD, UK
SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1986), (11), 1995-8
CODEN: JCPRB4; ISSN: 0300-922X
DT Journal
LA English
OS CASREACT 107:58927
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with decanal, imidazole derivs. from)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-CH₂-CH₂-NH-CH₂-Ph

L5 ANSWER 137 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1987:175958 CAPLUS
DN 106:175958
TI Antiarrhythmic substituted sulfonamidobenzamides
IN Davey, David D.; Lumma, William C., Jr.; Wohl, Ronald A.
PA Schering A.-G., Fed. Rep. Ger.
SO U.S., 11 pp. Cont.-in-part of U.S. 4,544,654.
CODEN: USXXAM
DT Patent
LA English
FAN CNT 2
PATENT NO. KIND DATE APPLICATION NO. DATE
PI US 4629739 A 19861216 US 1985-778657 19850923
US 4544654 A 19851001 US 1984-591649 19840320
EP 158775 A1 19851023 EP 1985-101112 19850202
EP 158775 B1 19880420
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
PRAI US 1984-591649 19840320
EP 1985-101112 19850202
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(amidation of, by mesyleminobenzoyl chloride)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

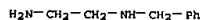
H₂N-CH₂-CH₂-NH-CH₂-Ph

cas online printout

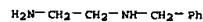
L5 ANSWER 138 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1987:156472 CAPLUS
DN 106:156472
TI Preparation of N-(2-imidazolin-2-ylmethyl)benzamides as gastric motility stimulants
IN Franceschini, Jacqueline; Gardaix-Luthereau, Renee; Margarit, Josette
PA Societe d'Etudes Scientifiques et Industrielles de l'Ile-de-France, Fr.
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3620215	A1	19870108	DE 1986-3620215	19860616
FR 2584401	A1	19870109	FR 1985-10199	19850704
FR 2584401	B1	19871120		
IN 163420	A	19880917	IN 1986-MA487	19860624
IL 79241	A1	19900429	IL 1986-79241	19860625
CA 1276644	A1	19901120	CA 1986-512599	19860626
EP 210893	A1	19870204	EP 1986-401441	19860630
EP 210893	B1	19901003		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 57181	E	19901015	AT 1986-401441	19860630
BE 905018	A1	19870102	BE 1986-11513	19860701
FI 8602793	A	19870105	FI 1986-2793	19860701
FI 86422	B	19920515		
FI 86422	C	19920825		
ZA 8604874	A	19870225	ZA 1986-4874	19860701
CH 667873	A	19881115	CH 1986-2646	19860701
NO 8602676	A	19870105	NO 1986-2676	19860702
NO 166124	B	19910225		
NO 166124	C	19910612		
DK 8603163	A	19870105	DK 1986-3163	19860703
AU 8659779	A1	19870108	AU 1986-59779	19860703
AU 582253	B2	19890316		
GB 2178035	A1	19870204	GB 1986-16287	19860703
GB 2178035	B2	19890208		
CN 86105682	A	19870204	CN 1986-105682	19860703
CN 1021441	B	19930630		
HU 42451	A2	19870728	HU 1986-2806	19860703
HU 198023	B	19890728		
DD 251554	A5	19871118	DD 1986-292135	19860703
ES 2000187	A6	19880101	ES 1986-108	19860703
PL 147410	B1	19890531	PL 1986-260450	19860703
SU 1605924	A3	19901107	SU 1986-4027784	19860703
CS 274658	B2	19910915	CS 1986-5040	19860703
JP 62103069	A2	19870513	JP 1986-158628	19860704
JP 05086942	B4	19931214		
US 4703055	A	19871027	US 1986-882253	19860707
NO 8702326	A	19870105	NO 1987-2326	19870603
NO 168472	B	19911118		
NO 168472	C	19920226		
CA 1300162	A2	19920505	CA 1990-615767	19900618
DK 9102048	A	19911220	DK 1991-2048	19911220
PRAI FR 1985-10199		19850704		
CA 1986-512599		19860626		

L5 ANSWER 139 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1987:119843 CAPLUS
DN 106:119843
TI Synthesis of 1-alkyl- and 1-alkyl-4-acyl-2-piperazinones
AU Teizin, Yu. S.; Sergovskaya, N. L.; Chernyak, S. A.
CS Inst. Med. Parazitol. Trop. Med., Moscow, 119830, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1986), (4), 514-17
CODEN: KGSSAQ; ISSN: 0453-8234
DT Journal
LA Russian
OS CASREACT 106:119843
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(acylation of)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

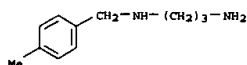


L5 ANSWER 138 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
EP 1986-401441 19860630
NO 1986-2676 19860702
OS CASREACT 106:156472
IT 4152-09-4, N-Benzylethylenediamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with (cyanomethyl)benzamide deriv.)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



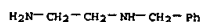
L5 ANSWER 140 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1987:67342 CAPLUS
DN 106:67342
TI 1-Benzyl-2-(nitromethylene)tetrahydropyrimidine derivatives
IN Shiokawa, Kozo; Tauboi, Shinichi; Tohibe, Shinzo; Morie, Koichi
PA Nihon Tokuehu Noyaku Seizo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61227571	A2	19861009	JP 1985-68551	19850402
EP 199974	A2	19861210	EP 1986-103881	19860321
EP 199974	A3	19870812		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
DD 247599	A5	19870715	DD 1986-288541	19860331
DK 8601466	A	19861003	DK 1986-1466	19860401
ZA 8602375	A	19861126	ZA 1986-2375	19860401
BR 8601444	A	19861209	BR 1986-1444	19860401
HU 42273	A2	19870728	HU 1986-1336	19860401
HU 197495	B	19890428		
PRAI JP 1985-68551		19850402		
IT 106353-10-0				
RL: RCT (Reactant); RACT (Reactant or reagent) (cyclocondensation of, with nitrobis(methylthio)ethylene, (nitromethylene)tetrahydropyrimidine deriv.)				
RN 106353-10-0 CAPLUS				
CN 1,3-Propanediamine, N-[(4-methylphenyl)methyl]- (9CI) (CA INDEX NAME)				

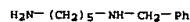


cas online printout

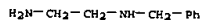
LS ANSWER 141 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1986:582769 CAPLUS
DN 105:182769
TI Synthesis of N-substituted
(ethylenediaminetriacetato)(thiocyanato)cobaltate(III) complexes and structural characterization by proton and carbon-13
NMR spectroscopy
AU Rohly, Kenneth E.; Douglas, Bodie E.; Maricondi, Chris
CS Dep. Chem., Univ. Pittsburgh, Pittsburgh, PA, 15260, USA
SO Inorganic Chemistry (1986), 25(23), 4119-25
CODEN: INOCAS; ISSN: 0020-1669
DT Journal
LA English
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with sodium chloroacetate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



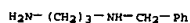
LS ANSWER 142 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1986:582607 CAPLUS
DN 105:182607
TI Cobalt-containing iron magnetic powder
IN Nakada, Kazuo; Maruo, Seigo; Asano, Kyoshi; Amano, Masatoshi
PA Ishihara Sangyo Kaisha, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 61101010 A2 19860519 JP 1984-223459 19841024
JP 05021321 B4 19930324
PRAI JP 1984-223459 19841024
IT 55097-10-4
RL: PRP (Properties)
(cobalt-contg. iron powder treated with, for recording)
RN 55097-10-4 CAPLUS
CN 1,5-Pentanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 143 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1986:497245 CAPLUS
DN 105:97245
TI Antibacterial cephalosporins
IN Sakagami, Kenji; Atsumi, Kunio; Nishihata, Takeshi; Yoshida, Takashi;
Pukatsu, Shunzo
PA Meiji Seika Kaisha, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 60211682 A2 19851118 JP 1984-87793 19840502
PRAI JP 1984-87793 19840502
IT 4152-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and cyclization reaction of, with oxalyl chloride)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



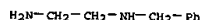
LS ANSWER 144 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1986:148830 CAPLUS
DN 104:148830
TI Synthesis and antihypertensive activity of a series of
4-amino-6,7-dimethoxyquinazoline derivatives
AU Manoury, Philippe M.; Binet, Jean L.; Dumas, Andre P.; Lefevre-Borg,
Francoise; Caverio, Icilio
CS Chem. Dep., Lab. Etud. Rech. Synthelabo, Bagneux, 92220, Fr.
SO Journal of Medicinal Chemistry (1986), 29(1), 19-25
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 104:148830
IT 13910-48-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and benzylation of)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

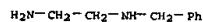
L5 ANSWER 145 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:82042 CAPLUS
 DN 104:82042
 TI Inducing immunosuppression with 1,4-disubstituted anthraquinones
 IN Murdock, Keith Chadwick; Durr, Frederick Emil; Wang, Boeco Shang
 PA American Cyanamid Co., USA
 SO Eur. Pat. Appl., 31 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 154117	A1	19850911	EP 1985-100207	19850114
EP 154117	B1	19891227		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL, SE				
AT 48942	E	19900115	AT 1985-100307	19850114
JP 60208939	A2	19851021	JP 1985-34684	19850225
CA 1255300	A1	19890606	CA 1985-475025	19850225
AU 8539151	A1	19850905	AU 1985-39151	19850226
AU 581878	B2	19890309		
PRAI US 1984-583540		19840227		
EP 1985-100307		19850114		
IT 4152-09-4				
RL: BIOL (Biological study)				
(condensation of, with leukotetrahydroxyanthraquinone)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



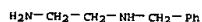
L5 ANSWER 146 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1986:6817 CAPLUS
 DN 104:6817
 TI Adhesives for accurate mounting of bent elastic crystals
 IN Bellstedt, Klaus; Hoerhold, Hans Heinrich; Dick, Manfred; Foerster, Eckart; Maertin, Rolf
 PA Friedrich-Schiller-Universitaet, Ger. Dem. Rep.
 SO Ger. (East), 8 pp.
 CODEN: GEXXA8
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DD 215071	A1	19841031	DD 1983-250882	19830513
PRAI DD 1983-250882		19830513		
IT 4152-09-4				
RL: MOA (Modifier or additive use); USES (Uses)				
(crosslinking agents, for epoxy resin adhesives)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



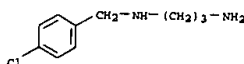
L5 ANSWER 147 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:588426 CAPLUS
 DN 103:188426
 TI Dynamics of spin-state interconversion and cooperativity for ferric spin-cross-over complexes in the solid state. 3. Bis[N-(2-(benzylamino)ethyl)salicylaldehyde]iron(III) complexes
 AU Timken, Mark D.; Hendrickson, David W.; Sinn, Ekkehard
 CS Sch. Chem. Sci., Univ. Illinois, Urbana, IL, 61801, USA
 SO Inorganic Chemistry (1985), 24(23), 3947-55
 CODEN: INOCAJ; ISSN: 0020-1669
 DT Journal
 LA English
 IT 4152-09-4

RL: RCT (Reactant); RACT (Reactant or reagent)
 (condensation of, with substituted salicylaldehydes)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

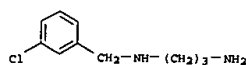


L5 ANSWER 148 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:437495 CAPLUS
 DN 103:37495
 TI Nitromethylenetetrahydropyrimidine derivatives and their use as insecticides, acaricides, and nematocides
 IN Kozo, Shikawa; Shinzo, Kagabu; Shinichi, Tsuboi
 PA Nihon Tokushu Noyaku Seizo K. K., Japan
 SO Eur. Pat. Appl., 27 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

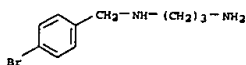
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 136636	A2	19850410	EP 1984-111316	19840922
EP 136636	A3	19860102		
R: AT, BE, CH, DE, FR, GB, IT, LI, NL				
JP 60078971	A2	19850504	JP 1983-185854	19831006
JP 06029256	B4	19940420		
US 4590272	A	19860520	US 1984-657323	19841003
BR 8405009	A	19850820	BR 1984-5009	19841004
DD 229014	A5	19851030	DD 1984-268007	19841004
DK 8404795	A	19850407	DK 1984-4795	19841005
ZA 8407831	A	19850529	ZA 1984-7831	19841005
PRAI JP 1983-185854		19831006		
OS CASREACT 103:37495				
IT 61798-10-5 97145-99-8 97146-00-4 97146-01-5				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(cyclocondensation of, with nitrobis(methylthio)ethylene)				
RN 61798-10-5 CAPLUS				
CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				



RN 97145-99-8 CAPLUS
 CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

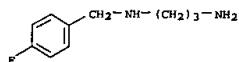


RN 97146-00-4 CAPLUS
 CN 1,3-Propanediamine, N-[(4-bromophenyl)methyl]- (9CI) (CA INDEX NAME)



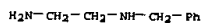
cas online printout

L5 ANSWER 148 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
 RN 97146-01-5 CAPLUS
 CN 1,3-Propanediamine, N-[(4-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

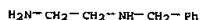


L5 ANSWER 149 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:175044 CAPLUS
 DN 102:175044
 TI Electrorefining of metallurgical copper
 IN Kaminski, Jan; Szczepaniak, Stanislaw; Mazanek, Czeslaw
 PA Politechnika Wroclawska, Pol.
 SO Pol., 4 pp.
 CODEN: POXXA7
 DT Patent
 LA Polish
 PAN, CNT 1

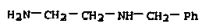
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 126784	B2	19830831	PL 1981-234063	19811201
PRAT PL 1981-234063		19811201		
IT 4152-09-4D,				
RL: PRP (Properties)				
(in electrorefining, of copper)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



L5 ANSWER 150 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:160322 CAPLUS
 DN 102:160322
 TI Preliminary pharmacological evaluation of new derivatives of imidazolidin-2-one, ethylenediamine, and imidazoline
 AU Jagiello-Wojtowicz, Ewa; Zebrowska-Lupina, Iwona; Wielosz, Marian; Stelmasiak, Malgorzata; Szureka, Grazyna; Porowska, Anna; Kleinrok, Zdzislaw
 CS Inst. Clin. Pathol., Sch. Med., Lublin, 20-090, Pol.
 SO Acta Polonicae Pharmaceutica (1984), 41(4), 495-504
 CODEN: APHAX; ISSN: 0001-6837
 DT Journal
 LA Polish
 IT 4152-09-4
 RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (central nervous system effects and toxicity of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

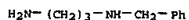


L5 ANSWER 151 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1985:113372 CAPLUS
 DN 102:113372
 TI Dihydroimidazoles in synthesis: C-acylation of lithiodihydroimidazoles
 AU Anderson, Michael W.; Begley, Michael J.; Jones, Raymond C. P.; Saunders, John
 CS Dep. Chem., Univ. Nottingham, Nottingham, NG7 2RD, UK
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1984), (11), 2599-602
 CODEN: JCPRB4; ISSN: 0300-922X
 DT Journal
 LA English
 OS CASREACT 102:113372
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent) (cyclization of, with Et acetimidate hydrochloride)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

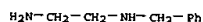


cas online printout

LS ANSWER 152 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1985:95459 CAPLUS
DN 102:95459
TI Amines and polyamines from nitriles
AU Bergeron, Raymond J.; Garlich, Joseph R.
CS Dep. Med. Chem., Univ. Florida, Gainesville, FL 32610, USA
SO Synthesis (1984), (9), 782-4
CODEN: SYNTBP; ISSN: 0039-7881
DT Journal
LA English
OS CASREACT 102:95459
IT 4152-09-4
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, by redn. of nitrile, catalysts for)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

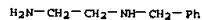


LS ANSWER 153 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1985:62121 CAPLUS
DN 102:62121
TI Synthesis of 1,2-disubstituted imidazolines based on derivatives of
3-(4-hydroxy-3,5-di-tert-butylphenyl)propanoic acid
AU Koshelev, V. N.; Kelsarev, V. I.; Lunin, A. F.
CS Mosk. Inst. Neftekhim. Gaz. Prom., Moscow, USSR
SO Zhurnal Vsesoyuznogo Khimicheskogo Obshchestva im. D. I. Mendeleeva
(1984), 29(4), 470-2
CODEN: ZVKOA6; ISSN: 0373-0247
DT Journal
LA Russian
OS CASREACT 102:62121
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with (hydroxydi-tert-butylphenyl)propanoic acid
or Et (hydroxydi-tert-butylphenyl)propionimide)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

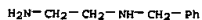


LS ANSWER 154 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1985:7943 CAPLUS
DN 102:7943
TI Crosslinked anion exchangers
AU Asahi Chemical Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKOXAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 59161410 A2 19840912 JP 1983-36014 19830307
JP 04069171 B4 19921105
PRAI JP 1983-36014 19830307
IT 4152-09-4D, reaction products with vinylbenzonitrile copolymers
RL: CAT (Catalyst use); TEM (Technical or engineered material use); USES
(Uses)
(anion exchangers)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 155 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1984:611277 CAPLUS
DN 101:211277
TI Synthesis of dichlorinated anhydrides, ester amides, and diamides of
alkoxy(aroxy)allylthiophosphonic acids
AU Dzhundubaev, K. D.; Batyrkanova, B. R.; Rykulov, T. R.; Sulaimanov, A.
S.; Mametova, N. A.
CS USSR
SO Izvestiya Akademii Nauk Kirgizskoi SSR (1984), (3), 29-32
CODEN: INKSAD; ISSN: 0002-3221
DT Journal
LA Russian
OS CASREACT 101:211277
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with allylthiophosphonic acids)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

L5 ANSWER 156 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1984:472512 CAPLUS
DN 101:72512
TI Reagents for the stepwise functionalization of spermidine,
homospermidine,
and bis(3-aminopropyl)amine
AU Bergeron, Raymond J.; Garlich, Joseph R.; Stolowich, Neal J.
CS J. Hillis Miller Health Cent., Univ. Florida, Gainesville, FL, 32610, USA
SO Journal of Organic Chemistry (1984), 49(16), 2997-3001
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
IT 29867-04-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and tert-butoxycarbonylation of)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

$H_2N^-(CH_2)_4-NH-CH_2-Ph$

IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(tert-butoxycarbonylation of)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

$H_2N^-(CH_2)_3-NH-CH_2-Ph$

L5 ANSWER 157 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1984:423219 CAPLUS
DN 101:23219
TI beta-Lactam compounds
IN Stirling, Irene; Bruton, Gordon; Calvert, Stephen Harry; Clarke, Brian
Peter
PA Beecham Group PLC, UK
SO Eur. Pat. Appl., 109 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 101199	A1	19840222	EP 1983-304168	19830719
	R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
	US 4524073	A	19850618	US 1983-516121	19830720
	AU 8317193	A1	19840126	AU 1983-17193	19830722
	JP 59033290	A2	19840223	JP 1983-135045	19830722
	ZA 8305358	A	19840725	ZA 1983-5358	19830722
	ES 530900	A1	19850516	ES 1984-530900	19840323
PRAI	GB 1982-21162		19820722		
	GB 1982-35692		19821215		
IT	4152-09-4				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with dimethylcarbonyl chloride)				
RN	4152-09-4 CAPLUS				
CN	1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

$H_2N^-(CH_2)_2-CH_2-NH-CH_2-Ph$

L5 ANSWER 158 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1984:34204 CAPLUS
DN 100:34204
TI Synthesis of N,N'-dibenzylethylenediamine diacetate. Experimental data
AU Yurevich, V. P.; Khilyupina, L. E.; Shul'gina, N. L.; Noskova, T. A.
CS Usol'e-Sib. Khim.-Farm. Komb., Ussle-Sibirskoe, USSR
SO Khimiko-Farmatsevticheski Zhurnal (1983), 17(10), 1247-8
CODEN: KHFZAN; ISSN: 0023-1134
DT Journal
LA Russian
OS CASREACT 100:34204
IT 4152-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and benzylation of)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

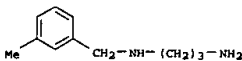
$H_2N^-(CH_2)_2-CH_2-NH-CH_2-Ph$

L5 ANSWER 159 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1984:8510 CAPLUS
DN 100:8510
TI Isolation of diazo condensation pigments
IN Horacek, Josef; Necas, Miroslav
PA Czech.
SO Czech., 4 pp.
CODEN: CZXXA9
DT Patent
LA Czech
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 209385	B	19811130	CS 1980-1125	19800219
PRAI	CS 1980-1125		19800219		
IT	13910-48-0 88107-66-8				
	RL: USES (Uses) (diazo condensation pigment isolation in presence of, for improved purity)				
RN	13910-48-0 CAPLUS				
CN	1,3-Propanediamine, N-[(3-methylphenyl)methyl]- (9CI) (CA INDEX NAME)				

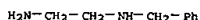
$H_2N^-(CH_2)_3-NH-CH_2-Ph$

RN 88107-66-8 CAPLUS
CN 1,3-Propanediamine, N-[(3-methylphenyl)methyl]- (9CI) (CA INDEX NAME)

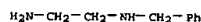


cas online printout

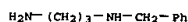
L5 ANSWER 160 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1983:575723 CAPLUS
 DN 99:175723
 TI The reaction of trans-3-hexenedioic acid with ethylenediamines. A simple route to the tetrahydro-1H-pyrrolo[1,2-d][1,4]diazepine ring system
 AU Lavagnino, E. R.; Ryan, C. W.
 CS Lilly Res. Lab., Eli Lilly and Co., Indianapolis, IN, 46285, USA
 SO Organic Preparations and Procedures International (1983), 15(4), 251-60
 CODEN: OPPIAK; ISSN: 0030-4948
 DT Journal
 LA English
 OS CASREACT 99:175723
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cycloaddn.-cyclocondensation of, with hexenedioate esters)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



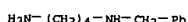
L5 ANSWER 161 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1983:452673 CAPLUS
 DN 99:52673
 TI Catalytic alkyl group exchange reaction of primary and secondary amines
 AU Murahashi, Shunichi; Yoshimura, Noriaki; Tezumiya, Tatsuo; Kojima, Takeyuki
 CS Fac. Eng. Sci., Osaka Univ., Osaka, 560, Japan
 SO Journal of the American Chemical Society (1983), 105(15), 5002-11
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA English
 IT 4152-09-4P 13910-48-0P 29867-04-7P
 86013-60-7P 86013-61-8P 86013-62-9P
 RL: SPW (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



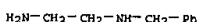
RN 29867-04-7 CAPLUS
 CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 86013-60-7 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)-, compd. with 2,4,6-trinitrophenol (1:2) (9CI) (CA INDEX NAME)

CM 1

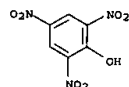
CRN 4152-09-4
 CMP C9 H14 N2



CM 2

CRN 88-89-1
 CMP C6 H3 N3 O7

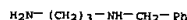
L5 ANSWER 161 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



RN 86013-61-8 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)-, compd. with 2,4,6-trinitrophenol (1:2) (9CI) (CA INDEX NAME)

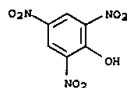
CM 1

CRN 13910-48-0
 CMP C10 H16 N2



CM 2

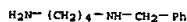
CRN 88-89-1
 CMP C6 H3 N3 O7



RN 86013-62-9 CAPLUS
 CN 1,4-Butanediamine, N-(phenylmethyl)-, compd. with 2,4,6-trinitrophenol (1:2) (9CI) (CA INDEX NAME)

CM 1

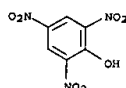
CRN 29867-04-7
 CMP C11 H18 N2



CM 2

CRN 88-89-1
 CMP C6 H3 N3 O7

L5 ANSWER 161 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)



cas online printout

LS ANSWER 162 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1982:609812 CAPLUS
DN 97:209812
TI Mode of action of 3-substituted propylamine cytotoxicity in culture cells
AU Kawase, Masako; Samejima, Keiji; Okada, Masashi
CS Tokyo Biochem. Res. Inst., Tokyo, 171, Japan
SO Biochemical Pharmacology (1982), 31(18), 2983-8
CODEN: BCPAC6; ISSN: 0006-2952
DT Journal
LA English
IT 64670-77-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 64670-77-5 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)

H₂N-(CH₂)₃-NH-CH₂-Ph

● 2 HCl

IT 13910-48-0
RL: ADV (Adverse effect, including toxicity); BIOL (Biological study)
(toxicity of, oxidn. to propanal and acrolein formation in relation
to)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

H₂N-(CH₂)₃-NH-CH₂-Ph

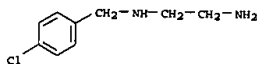
LS ANSWER 163 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1982:582444 CAPLUS
DN 97:182444
TI Basic substituted pyridazines and their use
IN Raabe, Thomas; Bohn, Helmut; Martorana, Piero A.; Nitz, Rolf Eberhard
PA Casella A.-G., Fed. Rep. Ger.
SO Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN. CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 54946	A1	19820630	EP 1981-110620	19811219
EP 54946	B1	19840815		
R: AT, BE, CH, DE, FR, GB, IT, NL, SE				
DE 3048487	A1	19820729	DE 1980-3048487	19801222
CA 1173033	A1	19840821	CA 1981-191595	19811207
DK 8105428	A	19820623	DK 1981-5428	19811208
DK 149810	B	19861006		
DK 149810	C	19870323		
FI 8103941	A	19820623	FI 1981-3941	19811208
FI 73418	B	19870630		
FI 73418	C	19871009		
NO 8104182	A	19820623	NO 1981-4182	19811208
DD 202013	A5	19830824	DD 1981-235901	19811217
CS 236665	B2	19850515	CS 1981-9455	19811217
PL 136127	B1	19860131	PL 1981-234312	19811218
PL 137106	B1	19860430	PL 1981-238538	19811218
AT 8991	E	19840915	AT 1981-110620	19811219
AU 8178704	A1	19820701	AU 1981-78704	19811221
AU 544386	B2	19850523		
JP 57128677	A2	19820810	JP 1981-205363	19811221
ZA 8108806	A	19821124	ZA 1981-8806	19811221
RO 84277	P	19840523	RO 1981-106060	19811221
SU 1170970	A3	19850730	SU 1981-3367148	19811221
IL 64605	A1	19851129	IL 1981-64605	19811221
RO 88190	B3	19851230	RO 1981-113111	19811221
RO 88201	A1	19830316	RO 1981-113112	19811221
ES 508274	A1	19850415	ES 1981-508274	19811222
SU 1151204	A3	19850415	SU 1982-3478901	19820820
CS 236683	B2	19850515	CS 1982-6947	19820929
ES 518139	A1	19831001	ES 1982-518139	19821213
ES 518138	A1	19831016	ES 1982-518138	19821213
US 4532239	A	19850730	US 1983-563538	19831220
PRAI DE 1980-3048487		19801222		
CS 1981-9455		19811217		
US 1981-332238		19811218		
EP 1981-110620		19811219		
OS CASREACT 97:182444				
IT 4152-09-4				
RL: RCT (Reactant); RACT (Reactant or reagent) (condensation of, with dichloropyridazinone)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

LS ANSWER 163 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)
H₂N-CH₂-CH₂-NH-CH₂-Ph

LS ANSWER 164 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1982:122533 CAPLUS
DN 96:122533
TI Diazaheterocyclopurines and triazolopyrimidines
IN Temple, Davis L., Jr.
PA Mead Johnson and Co., USA
SO U.S., 28 pp. Cont.-in-part of U.S. Ser. No. 869,203, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN. CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4298734	A	19811103	US 1979-17771	19790305
CA 1095906	A1	19810217	CA 1978-294770	19780111
US 4404380	A	19830913	US 1980-178201	19800814
US 4366156	A	19821228	US 1980-209791	19801124
US 4489078	A	19841218	US 1982-423888	19820927
US 4642345	A	19870210	US 1983-529797	19830906
PRAI US 1977-768291		19770214		
US 1978-869203		19780113		
CA 1978-294770		19780111		
US 1979-17771		19790305		
CA 1980-294770		19800228		
US 1980-178201		19800814		
US 1980-209791		19801124		
IT 53654-70-9P				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and cyclization of, with cyanogen bromide)				
RN 53654-70-9 CAPLUS				
CN 1,2-Ethanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				

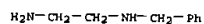


cas online printout

LS ANSWER 165 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1982:68987 CAPLUS
DN 96:68987
TI Nitrogen-containing heterocyclic compounds
IN Kubo, Kazuo; Ito, Noriki; Souzu, Isao; Isomura, Yasuo; Homma, Hiroshige;
MuraKami, Masuo
PA Yamanouchi Pharmaceutical Co., Ltd., Japan
SO Brit., 39 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1588166	A	19810415	GB 1977-29267	19770712
	JP 53021196	A2	19780227	JP 1976-87486	19760402
	JP 53084991	A2	19780726	JP 1977-464	19770105
	JP 53121764	A2	19781024	JP 1977-36384	19770331
	JP 53127490	A2	19781107	JP 1977-42423	19770413
	JP 56049913	B4	19811125		
	CA 1067079	A1	19791127	CA 1977-282376	19770708
	BE 857008	A1	19780120	BE 1977-179516	19770720
	CA 1120033	A1	19820316	CA 1978-302764	19780505
PRAI	JP 1976-87486		19760722		
	JP 1976-58228		19761229		
	JP 1977-464		19770105		
	JP 1977-36384		19770331		
	JP 1977-42423		19770413		
	JP 1976-58228		19761229		
	JP 1977-1977		19770105		
	CA 1978-282376		19780130		

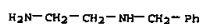
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation reaction of, with pyridones and
(cyanomethylene)alkanostes)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



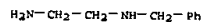
LS ANSWER 166 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1982:35285 CAPLUS
DN 96:35285
TI Nitrogen-containing heterocyclic ring derivatives
IN Kubo, Kazuo; Ito, Noriki; Souzu, Isao; Isomura, Yasuo; Homma, Hiroshige;
MuraKami, Masuo
PA Yamanouchi Pharmaceutical Co., Ltd., Japan
SO U.S., 22 pp. Division of U.S. 4,186,200.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4284778	A	19810818	US 1979-68172	19790820
	JP 53021196	A2	19780227	JP 1976-87486	19760402
	JP 53084990	A2	19780726	JP 1976-58228	19761229
	JP 53084991	A2	19780726	JP 1977-464	19770105
	JP 53121764	A2	19781024	JP 1977-36384	19770331
	JP 53127490	A2	19781107	JP 1977-42423	19770413
	JP 56049913	B4	19811125		
	CA 1067079	A1	19791127	CA 1977-282376	19770708
	BE 857008	A1	19780120	BE 1977-179516	19770720
	ES 460928	A1	19781201	ES 1977-460928	19770721
	US 4186200	A	19800129	US 1978-876517	19780209
	CA 1120033	A1	19820316	CA 1978-302764	19780505
	ES 471345	A1	19790201	ES 1978-471345	19780630
	ES 471346	A1	19790201	ES 1978-471346	19780630
	US 4285133	A	19810217	US 1979-67918	19790820
	US 4288418	A	19810908	US 1979-68073	19790820
PRAI	JP 1976-87486		19760722		
	JP 1976-58228		19761229		
	JP 1977-464		19770105		
	JP 1977-36384		19770331		
	JP 1977-42423		19770413		
	US 1977-814325		19770711		
	US 1978-876517		19780209		
	JP 1977-1977		19770105		
	CA 1978-282376		19780130		

IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chloro(chlorophenyl)pyridone, imidazopyridine by)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 167 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1981:521202 CAPLUS
DN 95:121202
TI Determination of impurities occurring in the production of
N,N'-dibenzylethylenediamine diacetate
AU Prangulyan, G. A.; D'yachkova, S. N.; Frenkel, T. V.
CS Vses. Nauchno-Issled. Khim.-Farm. Inst., Moscow, USSR
SO Khimiko-Farmatsvitcheskii Zhurnal (1981), 15(6), 113-15
CODEN: KHPZAN; ISSN: 0023-1134
DT Journal
LA Russian
IT 78774-30-8
RL: ANST (Analytical study)
(dibenzylethylenediamine acetate impurity, detection of, by TLC)
RN 78774-30-8 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)-, diacetate (9CI) (CA INDEX NAME)
CM 1
CRN 4152-09-4
CMP C9 H14 N2



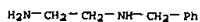
CM 2

CRN 64-19-7
CMP C2 H4 O2

LS ANSWER 168 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1981:515606 CAPLUS
DN 95:115606
TI Antihypertensive tricyclic isoindole derivatives
IN Demerson, Christopher A.; Humber, Leslie G.; Ferland, Jean Marie
PA American Home Products Corp., USA
SO U.S., 26 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

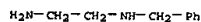
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4273773	A	19810616	US 1979-78547	19790924
	US 4223572	A	19820406	US 1981-232267	19810206
	US 4423232	A	19831127	US 1981-235814	19810219
PRAI	US 1979-78547		19790924		

IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with dibromobenzenediacetate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

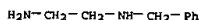


cas online printout

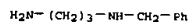
L5 ANSWER 169 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:496272 CAPLUS
 DN 95:96272
 TI Regioselective carbonyl amination using diisobutylaluminum hydride
 AU Yamamoto, Hisashi; Maruoka, Keiji
 CS Dep. Chem., Univ. Hawaii, Honolulu, HI, 96822, USA
 SO Journal of the American Chemical Society (1981), 103(14), 4186-94
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA English
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclocondensation reaction of, with Et butyrate and
 p-toluenesulfonic acid, benzyl(propyl)dihydroimidazole from)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



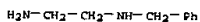
L5 ANSWER 170 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:468513 CAPLUS
 DN 95:68513
 TI Separation of metal ions on ion-exchange resin with ethylenediamine
 functional groups
 AU Marton-Schmidt, E.; Inczedy, J.; Laki, Z.; Szabadka, O.
 CS Dep. Anal. Chem., Univ. Veszprem, Veszprem, H-8201, Hung.
 SO Journal of Chromatography (1980), 201, 73-7
 CODEN: JOCRAM; ISSN: 0021-9673
 DT Journal
 LA English
 IT 4152-09-4D, transition metal complexes
 RL: PRP (Properties)
 (cation exchanger with ethylenediamine)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 171 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:407193 CAPLUS
 DN 95:7193
 TI Syntheses of N-(2-hexahydropyrimidinoethyl)propionanilides
 AU Okada, Jutaro; Shimabayashi, Masaharu
 CS Fac. Pharm. Sci., Kyoto Univ., Kyoto, 606, Japan
 SO Chemical & Pharmaceutical Bulletin (1980), 28(11), 3310-14
 CODEN: CPBTAL; ISSN: 0009-2363
 DT Journal
 LA English
 IT 13910-48-0
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclocondensation of, with formaldehyde, hexahydropyrimidine by)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

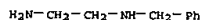


L5 ANSWER 172 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:407145 CAPLUS
 DN 95:7145
 TI Imidazolines in synthesis. I. Lithio imidazolines - formation and
 C-alkylation
 AU Anderson, Michael W.; Jones, Raymond C. F.; Saunders, John
 CS Dep. Chem., Univ. Nottingham, Nottingham, NG7 2RD, UK
 SO Tetrahedron Letters (1981), 22(3), 261-4
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclocondensation reaction of, with Et acetimidate hydrochloride,
 imidazoline by)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

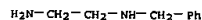


cas online printout

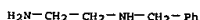
LS ANSWER 173 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1981:53426 CAPLUS
 DN 94:53426
 TI Equation for the evaluation of the protonation constants of complex-forming resins
 AU Szabadka, O.; Inczedy, J.
 CS Dep. Anal. Chem., Univ. Chem. Eng., Veszprem, Hung.
 SO Journal of Chromatography (1980), 201, 59-66
 CODEN: JOCRAM; ISSN: 0021-9673
 DT Journal
 LA English
 IT 4152-09-4
 RL: USES (Uses)
 (cation exchangers contg., protonation const. for)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



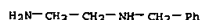
LS ANSWER 174 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:586079 CAPLUS
 DN 93:186079
 TI Synthesis and properties of azoles and their derivatives. 32. Synthesis and some reactions of hydrochlorides of indolylcarboxylic acid, iminoesters
 AU Kelarev, V. I.; Shvekhgeimer, G. A.
 CS Mosk. Inst. Neftekhim. Gaz. Prom., Moscow, USSR
 SO Khimiya Geterotsiklicheskikh Soedinenii (1980), (5), 645-50
 CODEN: KGSSAQ; ISSN: 0453-8234
 DT Journal
 LA Russian
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with indolecarboxylic acid imino esters)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 175 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:585666 CAPLUS
 DN 93:185666
 TI Copper(II) complexes with optically active diamines. I. Synthesis and properties of copper(II) complexes with N-benzyl and N-methyl derivatives of 1,2-diaminopropane
 AU Kurganov, A. A.; Davankov, V. A.; Zhuchkova, L. Ya.; Ponomareva, T. M.
 CS Inst. Org.-Elem. Compd., Moscow, 117813, USSR
 SO Inorganica Chimica Acta (1980), 39(2), 237-41
 CODEN: ICHAAA; ISSN: 0020-1693
 DT Journal
 LA English
 IT 4152-09-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

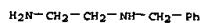


LS ANSWER 176 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:567546 CAPLUS
 DN 93:167546
 TI Organophosphorus derivatives of ethylene-diamine
 AU Taran, L. V.; Aldasheva, A.; Mametova, N. A.; Dzhundubaev, K. D.
 CS Inst. Org. Khim., Frunze, USSR
 SO Izvestiya Akademii Nauk Kirgizskoi SSR (1980), (1), 48-50
 CODEN: INKSAD; ISSN: 0002-3221
 DT Journal
 LA Russian
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (phosphorylation and thiophosphorylation of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

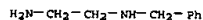


cas online printout

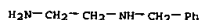
LS ANSWER 177 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1980:494788 CAPLUS
DN 93:94788
TI Diaminodiacetonitriles
IN Nakayasu, Kazuo; Furuya, Osamu
PA Showa Denko K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXJAF
DT Patent
LA Japanese
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI JP 54163522 A2 19791226 JP 1978-71500 19780615
PRAI JP 61001017 B4 19860113
IT JP 1978-71500 19780615
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation of, with hydroxyacetonitrile)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



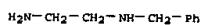
LS ANSWER 178 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1980:41948 CAPLUS
DN 92:41948
TI Piperidinopropanol
IN Eichenberger, Kurt; Kuehnis, Hans; Ostermayer, Franz; Schroeter, Herbert
PA Ciba-Geigy A.-G., Switz.
SO Eur. Pat. Appl., 54 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 2
PATENT NO. KIND DATE APPLICATION NO. DATE
PI EP 485 A1 19790207 EP 1978-100308 19780705
R: BE, CH, DE, FR, GB, NL, SE
PRAI CH 1977-8483 19770708
CH 1978-6488 19780614
IT 4152-09-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(prepn. and reaction of, with benzylpiperidone)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 179 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1979:541709 CAPLUS
DN 91:141709
TI Optical adhesives based on epoxy resin polyaddition products
IN Moerhold, Hans Heinrich; Klemm, Dieter; Haase, Ludwig; Belletadt, Klaus;
Schubert, Klaus; Flammersheim, H. J.; Maertin, Rolf; Kuenzel, Werner;
Ludwig, Christoph
PA Ger. Dem. Rep.
SO Ger. (East), 18 pp.
CODEN: GEXXAS
DT Patent
LA German
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE
PI DD 135623 Z 19790516 DD 1977-202908 19771223
SU 918297 A1 19820407 SU 1978-7770364 19781122
CS 229852 B 19840716 CS 1978-7737 19781124
DE 2853752 A1 19791031 DE 1978-2853752 19781213
PRAI DD 1977-202908 19771223
IT 4152-09-4
RL: MOA (Modifier or additive use); USES (Uses)
(crosslinking agents, contg. dibenzylethylenediamine, for epoxy resins
used as optical adhesives)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



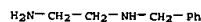
LS ANSWER 180 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1979:203953 CAPLUS
DN 90:203953
TI Cyclic guanidines. I. Synthesis of hypoglycemic 1-substituted
2-imino-1,3-diazacycloalkanes
AU Ishikawa, Fumiyoshi; Kossayama, Akira; Nakamura, Shigetake; Konno,
Teunoo
CS Res. Inst., Daiichi Seiyaku Co., Ltd., Tokyo, Japan
SO Chemical & Pharmaceutical Bulletin (1978), 26(12), 3658-65
CODEN: CPBTAL; ISSN: 0009-2363
DT Journal
LA English
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with cyanogen bromide)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



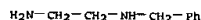
cas online printout

LS ANSWER 181 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1979:121639 CAPLUS
DN 90:121639
TI Alkylenediamine derivatives
PA Cassella Farbwerke Mainkur A.-G., Fed. Rep. Ger.
SO Belg., 33 pp.
CODEN: BEXXAL
DT Patent
LA French
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI BE 867116	A1	19781116	BE 1978-187732	19780516
US 4216314	A	19800805	US 1978-902000	19780502
SE 7805260	A	19781117	SE 1978-5260	19780509
FI 7801461	A	19781117	FI 1978-1461	19780509
DK 7802030	A	19781117	DK 1978-2030	19780509
NO 7801635	A	19781117	NO 1978-1635	19780509
NL 7804966	A	19781120	NL 1978-4966	19780509
AT 7803429	A	19800415	AT 1978-3429	19780511
AT 359522	B	19801110		
AT 7803430	A	19800415	AT 1978-3430	19780511
AT 359523	B	19801110		
DD 135489	C	19790509	DD 1978-205363	19780512
JP 53141285	A2	19781208	JP 1978-56703	19780515
ZA 7802758	A	19790530	ZA 1978-2758	19780515
AU 7836105	A1	19791122	AU 1978-36105	19780515
CA 1085842	A1	19800916	CA 1978-303380	19780515
SU 793389	D	19801230	SU 1978-2614700	19780515
PL 113762	B1	19801231	PL 1978-206810	19780515
PL 113674	B1	19801231	PL 1978-215183	19780515
GB 1583428	A	19810128	GB 1978-19535	19780515
RO 75870	P	19821206	RO 1978-94078	19780515
FR 2391199	A1	19781215	FR 1978-14387	19780516
FR 2391199	B1	19810724		
ES 469895	A1	19790916	ES 1978-469895	19780516
HU 23619	O	19820928	HU 1978-CA427	19780516
SU 841587	A3	19810623	SU 1979-2723299	19790214
PRAI LU 1977-77339		19770516		
IT 4152-09-4				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reaction of, with chlorodimethylpyrimidinone)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				

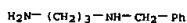


LS ANSWER 183 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1979:82959 CAPLUS
DN 90:82959
TI Association phenomena. IV. Catalysis of the ionization of dihydroxyacetone phosphate by monofunctional, difunctional, and trifunctional amines
AU Gettys, George A.; Gutsche, C. David
CS Dep. Chem., Washington Univ., St. Louis, MO, USA
SO Bioorganic Chemistry (1978), 7(2), 141-59
CODEN: BOCBMH; ISSN: 0301-4622
DT Journal
LA English
IT 3303-16-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with methylisothiourea)
RN 3303-16-0 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



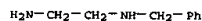
●3 HCl

IT 33910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with methylisothiourea and nitration thereafter)
RN 33910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

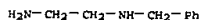


LS ANSWER 182 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1979:121636 CAPLUS
DN 90:121636
TI Alkylenediamine derivatives
PA Raabe, Thomas; Graewinger, Otto; Scholtholt, Josef; Schraven, Eckhard
IN Cassella Farbwerke Mainkur A.-G., Fed. Rep. Ger.
SO Ger. Offen., 35 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI DE 2819629	A1	19781130	DE 1978-2819629	19780505
US 4216314	A	19800805	US 1978-902000	19780502
SE 7805260	A	19781117	SE 1978-5260	19780509
FI 7801461	A	19781117	FI 1978-1461	19780509
DK 7802030	A	19781117	DK 1978-2030	19780509
NO 7801635	A	19781117	NO 1978-1635	19780509
NL 7804966	A	19781120	NL 1978-4966	19780509
AT 7803429	A	19800415	AT 1978-3429	19780511
AT 359522	B	19801110		
AT 7803430	A	19800415	AT 1978-3430	19780511
AT 359523	B	19801110		
DD 135489	C	19790509	DD 1978-205363	19780512
JP 53141285	A2	19781208	JP 1978-56703	19780515
ZA 7802758	A	19790530	ZA 1978-2758	19780515
AU 7836105	A1	19791122	AU 1978-36105	19780515
CA 1085842	A1	19800916	CA 1978-303380	19780515
SU 793389	D	19801230	SU 1978-2614700	19780515
PL 113762	B1	19801231	PL 1978-206810	19780515
PL 113674	B1	19801231	PL 1978-215183	19780515
GB 1583428	A	19810128	GB 1978-19535	19780515
RO 75870	P	19821206	RO 1978-94078	19780515
FR 2391199	A1	19781215	FR 1978-14387	19780516
FR 2391199	B1	19810724		
ES 469895	A1	19790916	ES 1978-469895	19780516
HU 23619	O	19820928	HU 1978-CA427	19780516
SU 841587	A3	19810623	SU 1979-2723299	19790214
PRAI LU 1977-77339		19770516		
IT 4152-09-4				
RL: RCT (Reactant); RACT (Reactant or reagent)				
(reaction of, with chloropyrimidinone)				
RN 4152-09-4 CAPLUS				
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



LS ANSWER 184 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:508566 CAPLUS
DN 89:108566
TI Rearrangement of N-benzyl-2-cyano-2-(hydroxyimino)acetamide
AU Darling, Charles M.; Chen, C. P.
CS Sch. Pharm., Auburn Univ., Auburn, AL, USA
SO Journal of Pharmaceutical Sciences (1978), 67(6), 860-1
CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English
IT 3303-16-0
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 3303-16-0 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



●2 HCl

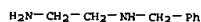
cas online printout

L5 ANSWER 185 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:136596 CAPLUS
DN 88:136596
TI Pyridoheterocycles
IN Kubo, Kazuo; Ito, Noriki; Souzu, Isao; Isomura, Yasuo; Homma, Hiroshige;
Murekami, Masuo
PA Yamanouchi Pharmaceutical Co., Ltd., Japan
SO Ger. Offen., 57 pp.
CODEN: GWXXLB
DT Patent
LA German
FAN.CNT 3

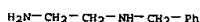
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2731982	A1	19780126	DE 1977-2731982	19770715
	JP 53021196	A2	19780227	JP 1976-87486	19760402
	JP 53084990	A2	19780726	JP 1976-158228	19761229
	JP 53084991	A2	19780726	JP 1977-464	19770105
	JP 53121764	A2	19781024	JP 1977-36384	19770331
	JP 53127490	A2	19781107	JP 1977-42423	19770413
	JP 56049913	B4	19811125		
	FR 2358891	A1	19780217	FR 1977-21069	19770708
	FR 2358891	B1	19800208		
	CA 1067079	A1	19791127	CA 1977-282376	19770708
	DK 7703134	A	19780123	DK 1977-3114	19770711
	BE 857008	A1	19780120	BE 1977-179516	19770720
	SE 7708403	A	19780123	SE 1977-8403	19770721
	ES 460928	A1	19781201	ES 1977-460928	19770721
	AU 7727260	A1	19790125	AU 1977-27260	19770722
	CA 1120033	A1	19820316	CA 1978-302764	19780505
	ES 471345	A1	19790201	ES 1978-471345	19780630
	ES 471346	A1	19790201	ES 1978-471346	19780630
PRA1	JP 1976-87486		19760722		
	JP 1976-158228		19761229		
	JP 1977-464		19770105		
	JP 1977-36384		19770331		
	JP 1977-42423		19770413		
	JP 1977-1977		19770105		
	CA 1978-282376		19780130		
IT	4152-09-4				

RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation of, with phenylhalopyridones)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 186 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:105210 CAPLUS
DN 88:105210
TI Studies on .beta.-lactam antibiotics for medicinal purposes. II.
Synthesis of
D-(-)-.alpha.-(dioxo-1-piperazincarboxamido)benzylpenicillin
a and structure-antibacterial activity
AU Saikawa, Isamu; Takano, Shuntaro; Yoshida, Chosaku; Takashima, Okuta;
Momonoi, Kaishu; Yasuda, Takashi; Kasuya, Kyoko; Komatsu, Miwako
CS Res. Lab., Toyama Chem. Co., Ltd., Toyama, Japan
SO Yakugaku Zasshi (1977), 97(9), 980-6
CODEN: YKKZAJ; ISSN: 0031-6903
DT Journal
LA Japanese
IT 4152-09-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclocondensation reaction of, with di-Et oxalate)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

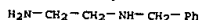


L5 ANSWER 187 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:91136 CAPLUS
DN 88:91136
TI Epoxy coatings for mortar
IN Akakane, Katsuo; Kamio, Kunimasa
PA Sumitomo Chemical Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52108500	A2	19770910	JP 1976-25382	19760308
PRA1	JP 1976-25382		19760308		
IT	4152-09-4				

RL: USES (Uses)
(crosslinking agents, for epoxy coating compns. for cement and mortar)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

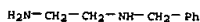


L5 ANSWER 188 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:50858 CAPLUS
DN 88:50858
TI 2-Imino-1,3-diazacycloalkane derivatives
IN Ishikawa, Fumiyoshi; Nakamura, Shigetake; Konno, Taunee; Abiko, Yoshi;
Kameda, Kinya; Ono, Shinetsu
PA Daiichi Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52095666	A2	19770811	JP 1976-12990	19760209
	JP 59036630	B4	19840905		
PRA1	JP 1976-12990		19760209		
IT	4152-09-4				

RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with cyanogen bromide, iminoimidazolidine deriv.
from)

RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

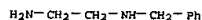


cas online printout

LS ANSWER 189 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:50857 CAPLUS
DN 88:50857
TI 1,3-Substituted-2-iminoimidazolidines
IN Ishikawa, Fumiyoshi; Abiko, Yoshi; Kameda, Kinya; Ono, Shinetsu
PA Daiichi Seiyaku Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

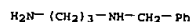
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 52095665	A2	19770811	JP 1976-12081	19760206
	JP 59036629	B4	19840905		
PRAI	JP 1976-12081		19760206		

IT 65358-90-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(cyclization of, with cyanogen bromide, iminoimidazolidine deriv.
from)
RN 65358-90-9 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)-, hydrochloride (9CI) (CA INDEX
NAME)



● x HCl

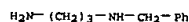
LS ANSWER 190 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1978:50621 CAPLUS
DN 88:50621
TI Research on tumor inhibiting compounds. Part LIX. Syntheses of
1-nitro-9-alkylaminoalkylaminoacridines
AU Wysocka-Skrzela, Barbara; Ledochowaki, Andrzej; Horowska, Barbara
CS Inst. Org. Food Chem. Technol., Polytech. Univ. Gdansk, Gdansk, Pol.
SO Roczniki Chemii (1977), 51(9), 1725-8
CODEN: ROCHAC; ISSN: 0035-7677
DT Journal
LA English
IT 13910-48-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(amination of nitroacridine derivs. by)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 191 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1977:601349 CAPLUS
DN 87:201349
TI 1-Nitro-9-alkylaminoalkylaminoacridines
IN Ledochowaki, Andrzej; Gieldanowski, Jerzy; Radzikowski, Czeslaw;
Horowska, Barbara; Kwasniewska-Rokicinska, Cecylia; Wysocka-Skrzela, Barbara;
Sawinska, Lucyna; Medon, Mieczyslaw
PA Politechnika Gdanska, Pol.
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2707831	A1	19770901	DE 1977-2707831	19770223
	DE 2707831	C2	19830203		
	PL 106752	P	19800131	PL 1976-187520	19760225
	SU 719498	D	19800229	SU 1977-2452268	19770218
	NL 7701810	A	19770829	NL 1977-1810	19770221
	GB 1528723	A	19781018	GB 1977-7286	19770222
	US 4139531	A	19790213	US 1977-771416	19770223
	SE 7702052	A	19770826	SE 1977-2052	19770224
	SE 435504	B	19841001		
	SE 435504	C	19850110		
	BE 851846	A1	19770616	BE 1977-175276	19770225
	JP 52102282	A2	19770827	JP 1977-20155	19770225
	JP 55006630	B4	19800218		
	FR 2342066	A1	19770923	FR 1977-5680	19770225
	FR 2342066	B1	19790720		
	HU 174373	P	19791228	HU 1977-P0631	19770225
	CH 630901	A	19820715	CH 1977-2368	19770225
	SU 718009	D	19800225	SU 1978-2593003	19780327
PRAI	PL 1976-187520		19760225		

IT 64670-77-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with acridine deriv.)
RN 64670-77-5 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX
NAME)

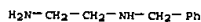


● 2 HCl

LS ANSWER 192 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1977:469908 CAPLUS
DN 87:69908
TI Liquid hardener for epoxy resins
IN Tillyer, Richard Brian
PA Fosroc International Ltd., UK
SO Ger. Offen., 13 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2651760	A1	19770526	DE 1976-2651760	19761112
	FR 2332292	A1	19770617	FR 1976-34877	19761112
	FR 2332292	B1	19790713		
	ES 453469	A1	19771116	ES 1976-453469	19761119
PRAI	GB 1975-47856		19751120		

IT 4152-09-4D, reaction products with polyether urethanes
RL: USES (Uses)
(hardeners contg. odorless, for epoxy resins)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

L5 ANSWER 193 OF 233 CAPLUS COPYRIGHT 2003 ACS

AN 1977:467862 CAPLUS

DN 87:67862

TI Carboxylic acid amides

IN Linke, Siegfried; Sitt, Ruediger

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 121 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2551483	A1	19770518	DE 1975-2551483	19751117
SE 7602707	A	19761009	SE 1976-2707	19760227
NO 7601050	A	19761011	NO 1976-1050	19760325
FI 7600919	A	19761009	FI 1976-919	19760406
NL 7603594	A	19761012	NL 1976-3594	19760406
DK 7601641	A	19761009	DK 1976-1641	19760407
JP 51127002	A2	19761105	JP 1976-38348	19760407
FR 2306683	A1	19761105	FR 1976-10309	19760408

PRAI DE 1975-255146

DE 1975-2551483

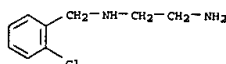
IT 6241-46-9 13910-48-0 61798-10-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction of, with undecenoic acid and ethyl chloroformate)

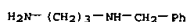
RN 6241-46-9 CAPLUS

CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



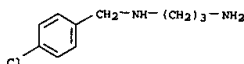
RN 13910-48-0 CAPLUS

CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 61798-10-5 CAPLUS

CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 195 OF 233 CAPLUS COPYRIGHT 2003 ACS

AN 1977:155153 CAPLUS

DN 86:155153

TI Phosphorylation of ethylenediamine with thiophosphoric chlorides

AU Taran, L. V.; Dzundubaev, K. D.; Batyrkanova, B. R.

CS USSR

SO Deposited Doc. (1974), VINITI 1356-74, 7 pp. Avail.: BLDD

DT Report

LA Russian

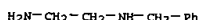
IT 4152-09-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(thiophosphorylation of)

RN 4152-09-4 CAPLUS

CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 194 OF 233 CAPLUS COPYRIGHT 2003 ACS

AN 1977:423272 CAPLUS

DN 87:23272

TI 1,3-Diazacycloalkane derivatives

IN Ishikawa, Fumiyoshi; Kosasayama, Akira; Watanabe, Yoshifumi; Abiko, Yasushi; Kameda, Kinya; Ono, Shinetsu

PA Daiichi Seiyaku Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKKXAF

DT Patent

LA Japanese

FAN.CNT 1

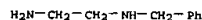
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 51125283	A2	19761101	JP 1975-2370	19741227
JP 1975-2370		19741227		
IT 4152-09-4				

RL: RCT (Reactant); RACT (Reactant or reagent)

(cyclization of, with S-methylisothiuronium iodides, diazacycloalkanes from)

RN 4152-09-4 CAPLUS

CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 196 OF 233 CAPLUS COPYRIGHT 2003 ACS

AN 1977:71947 CAPLUS

DN 86:71947

TI Pharmaceutically useful carboxylic acid amides

IN Linke, Siegfried; Sitt, Ruediger

PA Bayer A.-G., Fed. Rep. Ger.

SO Ger. Offen., 109 pp.

CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2515146	A1	19761021	DE 1975-2515146	19750408
SE 7602707	A	19761009	SE 1976-2707	19760227
NO 7601050	A	19761011	NO 1976-1050	19760325
FI 7600919	A	19761009	FI 1976-919	19760406
NL 7603594	A	19761012	NL 1976-3594	19760406
BE 840469	A1	19761007	BE 1976-165915	19760407
DK 7601641	A	19761009	DK 1976-1641	19760407
JP 51127002	A2	19761105	JP 1976-38348	19760407
ZA 7602088	A	19770427	ZA 1976-2088	19760407
FR 2306683	A1	19761105	FR 1976-10309	19760408

PRAI DE 1975-2515146

DE 1975-2551483

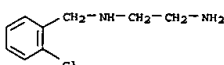
IT 6241-46-9 13910-48-0 61798-10-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(acylation of)

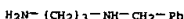
RN 6241-46-9 CAPLUS

CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



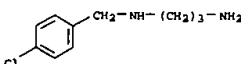
RN 13910-48-0 CAPLUS

CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



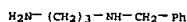
RN 61798-10-5 CAPLUS

CN 1,3-Propanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

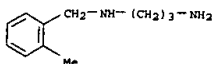


cas online printout

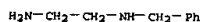
L5 ANSWER 197 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1977:30446 CAPLUS
 DN 86:30446
 TI Use of H₂N(CH₂)₃N(R₁R₂)-type amines as hardening agents for epoxy resins
 AU Kroupa, Jan; Cermak, Jiri; Horacek, Josef; Koristek, Stanislav
 CS Vyzk. Ustav Org. Synt., Pardubice-Rybitvi, Czech.
 SO Chemicky Prumysl (1976), 26(9), 477-80
 CODEN: CHPUA4; ISSN: 0009-2789
 DT Journal
 LA Czech
 IT 13910-48-0 38486-29-2
 RL: MOA (Modifier or additive use); USES (Uses)
 (crosslinking agent, for epoxy resins, activity of)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



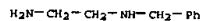
RN 38486-29-2 CAPLUS
 CN 1,3-Propanediamine, N-[(2-methylphenyl)methyl]- (9CI) (CA INDEX NAME)



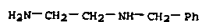
L5 ANSWER 198 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1976:542732 CAPLUS
 DN 85:142732
 TI Synthesis of cyclic and acyclic tri- and tetrasubstituted hydroxyguanidines
 AU Ziman, S. D.
 CS Exp. Stn., E. I. du Pont de Nemours and Co., Wilmington, DE, USA
 SO Journal of Organic Chemistry (1976), 41(20), 3253-5
 CODEN: JOCEAH; ISSN: 0022-3263
 DT Journal
 LA English
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclization of, with phosgene oxime deriva.)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 199 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1976:463364 CAPLUS
 DN 85:63364
 TI Synthesis of functional monomers by vinylbenzylation and polymerization of these monomers
 AU Aseami, R.; Kondo, Y.; Watanabe, I.; Sugiura, T.; Nakajima, M.; Yamada, N.
 CS Dep. Synth. Chem., Nagoya Inst. Technol., Nagoya, Japan
 SO Jpn.-USSR Polym. Symp., [Proc.], 2nd (1976), 249-59 Publisher: Soc. Polym. Sci., Jpn., Tokyo, Japan.
 CODEN: JJEYAK
 DT Conference
 LA English
 IT 4152-09-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



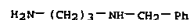
L5 ANSWER 200 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1976:405804 CAPLUS
 DN 85:5804
 TI Reactions of .beta.-aroxalkenyl(thio)phosphonic acid dichlorides with amines
 AU Dzhandubeev, K. D.; Kozhakhmetova, R. I.; Sulaimanov, A. S.; Mametova, N. A.; Kozsyukova, I. V.
 CS Inst. Org. Khim., Frunze, USSR
 SO Izvestiya Akademii Nauk Kirgizskoi SSR (1976), (1), 49-51
 CODEN: INKSAD; ISSN: 0002-3221
 DT Journal
 LA Russian
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with phosphonic dichlorides)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



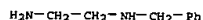
cas online printou

L5 ANSWER 201 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1976:164841 CAPLUS
DN 84:164841
TI 1-Substituted 2-methyltetrahydropyrimidines
IN Grogler, Gerhard; Dankert, Gerhard; Recker, Klaus; Backes, Josef
PA Bayer A.-G., Fed. Rep. Ger.
SO Ger. Offen., 18 pp.
CODEN: GWXXBX
DT Patent
LA German
PAN.CNT 1

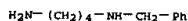
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2439550	A1	19760226	DE 1974-2439550	19740817
	DE 2439550	B2	19770421		
	DE 2439550	C3	19771201		
	US 4001232	A	19770104	US 1975-598083	19750722
	BE 832428	A1	19760216	BE 1975-159199	19750814
	SE 7509126	A	19760218	SE 1975-9126	19750814
	NL 7509711	A	19760219	NL 1975-9711	19750814
	FR 2281928	A1	19760312	FR 1975-25387	19750814
	FR 2281928	B1	19781027		
	ES 440266	A1	19770316	ES 1975-440266	19750814
	AT 7506332	A	19770815	AT 1975-6332	19750814
	JP 51043770	A2	19760414	JP 1975-98667	19750815
	JP 6004175	B4	19850201		
	GB 1464829	A	19770216	GB 1975-34076	19750815
	CH 598229	A	19780428	CH 1975-10678	19750815
	CA 1050547	A1	19790313	CA 1975-233556	19750815
PRAI	DE 1974-2439550		19740817		
IT	13910-48-0				
	RL: RCT (Reactant); RACT (Reactant or reagent)				
	(condensation of, with acetoacetate)				
RN	13910-48-0	CAPLUS			
CN	1,3-Propanediamine, N-(phenylmethyl)- (9CI)	(CA INDEX NAME)			



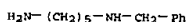
L5 ANSWER 202 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1975:588336 CAPLUS
DN 83:188336
TI Potential filaricides. 6. Synthesis of 3,8-disubstituted
1,3,8-triazabicyclo[4.4.0]decan-2-ones and -thiones
AU Sharma, Satyavan; Bindra, R.; Iyer, R. N.; Anand, Nitya
CS Cent. Drug Res. Inst., Lucknow, India
SO Journal of Medicinal Chemistry (1975), 18(9), 913-17
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT 4152-09-4
RL: BIOL (Biological study)
(condensation of, with maleamic acid deriv.)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



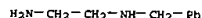
L5 ANSWER 203 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1975:588192 CAPLUS
DN 83:188192
TI Fibrin-stabilizing factor inhibitors. 12. 5-Dibenzylaminopentylamine
and related compounds, a new type of FSF [fibrin-stabilizing factor]
inhibitors
AU Hoffmann, Kurt Juergen; Stenberg, Pal; Ljunggren, Christine; Svensson,
Uno; Nilsson, J. Lars G.; Eriksson, Olle; Hartkoorn, Ann; Lunden, Ragnar
CS Fac. Pharm., Univ. Uppsala, Uppsala, Swed.
SO Journal of Medicinal Chemistry (1975), 18(3), 278-84
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
IT 29867-04-7P 55097-10-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. and fibrinoligase inhibition by)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 55097-10-4 CAPLUS
CN 1,5-Pentanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 204 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1975:563516 CAPLUS
DN 83:163516
TI Spectral properties and ring conformation of some novel
2,3-dihydro-1H-1,4-diazepinium cations
AU Potter, G. W. H.; Coleman, M. W.; Monro, A. M.
CS Chem. Res. Dep., Pfizer Ltd., Sandwich/Kent, UK
SO Journal of Heterocyclic Chemistry (1975), 12(4), 611-14
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
IT 4152-09-4
RL: PRP (Properties)
(ring closure with pentane dione)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

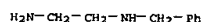


cas online printout

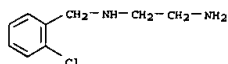
LS ANSWER 205 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:551567 CAPLUS
 DN 81:151567
 TI N,N'-Bis(2,2,2-trichloro-1-formamidoethyl)alkylenediamines
 IN Ost, Walter; Thomas, Klaus; Jerchel, Dietrich; Appel, Karl R.
 PA Boehringer, C. H., Sohn
 SO Ger. Offen., 16 pp. Div. of Ger. Offen. 1,901,421 (CA 72:3053a).
 CODEN: GWXXBX
 DT Patent
 LA German
 PAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1966863	A	19740822	DE 1969-1966863	19690113
	DE 1966863	B2	19770505		
	DE 1966863	C3	19771222		
	AT 280976	B	19700511	AT 1968-4795	19680517
	US 3716587	A	19710213	US 1971-128168	19710325
	US 3752842	A	19710814	US 1971-128169	19710325
	US 3717709	A	19710220	US 1971-159030	19710701
	US 3786146	A	19740115	US 1972-271365	19720713

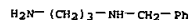
PRAI AT 1968-4795 19680517
 AT 1968-674 19680123
 US 1969-793187 19690122
 US 1970-87015 19701104
 IT 4152-09-4 6241-46-9 13910-48-0
 53654-70-9
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with (tetrachloroethyl)formamides)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 6241-46-9 CAPLUS
 CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

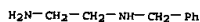


RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

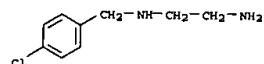


RN 53654-70-9 CAPLUS
 CN 1,2-Ethanediamine, N-[(4-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)

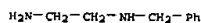
LS ANSWER 206 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:403902 CAPLUS
 DN 81:3902
 TI Cyclization reactions in six- and seven-membered heterocyclic systems
 AU Curtze, Juergen; Thomas, Klaus
 CS Wiss. Abt., C. H. Boehringer Sohn, Ingelheim, Fed. Rep. Ger.
 SO Justus Liebig's Annalen der Chemie (1974), (2), 328-33
 CODEN: JLABCF; ISSN: 0075-4617
 DT Journal
 LA German
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with hydroxy(dimethylamino)propiophenone)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 205 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

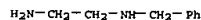


LS ANSWER 207 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:103826 CAPLUS
 DN 80:103826
 TI Aromatic amino acid hydroxylase inhibitors. 3. In vitro inhibition by
 azadopamine analogs
 AU Hare, L. E.; Lu, M. C.; Sullivan, C. B.; Sullivan, P. T.; Counsell, R.
 E.;
 Weinhold, P. A.
 CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, USA
 SO Journal of Medicinal Chemistry (1974), 17(1), 1-5
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with pyrone deriv.)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printout

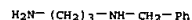
L5 ANSWER 208 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:95825 CAPLUS
 DN 80:95825
 TI Synthesis and properties of azoles and their derivatives. XVIII.
 Preparation of 1-substituted 2-(benzimidazol-2-yl)imidazolines
 AU Shvekhgeimer, G. A.; Kelarev, V. I.
 CS Mosk. Inst. Neftekhim. Gazov. Prom. im. Gubkina, Moscow, USSR
 SO Khimiya Geterotsiklicheskih Soedinenii (1974), (1), 122-3
 CODEN: KOSSAQ; ISSN: 0132-6244
 DT Journal
 LA Russian
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with 2-(trichloromethyl)benzimidazole)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



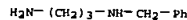
L5 ANSWER 209 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:69145 CAPLUS
 DN 80:69145
 TI Phleomycin antibiotics
 IN Umezawa, Hamao; Fujii, Akio; Takita, Tomohisa; Shimada, Nobuyoshi
 PA Microbiochemical Research Foundation
 SO Ger. Offen., 51 pp.
 CODEN: GWXXBX
 DT Patent
 LA German
 IT 4152-09-4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2310462	A1	19730920	DE 1973-2310462	19730302
DE 2310462	B2	19750109		
DE 2310462	C3	19750821		
JP 48088287	A2	19731119	JP 1972-22005	19720303
JP 57039751	B4	19820823		
FR 2181785	A1	19731207	FR 1973-7545	19730302
FR 2181785	B1	19760903		
AU 7352825	A1	19740905	AU 1973-52825	19730302
DK 130249	B	19750127	DK 1973-1157	19730302
DK 130249	C	19750630		
GB 1414398	A	19751119	GB 1973-10195	19730302
CA 995609	A1	19760824	CA 1973-165134	19730302
US 3984390	A	19761005	US 1973-337575	19730302
NL 7303030	A	19730906	NL 1973-3030	19730305
NL 154779	B	19771017		
PRAI JP 1972-22005		19720303		

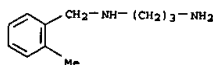
IT 13910-48-0
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL
 (Biological study); PROC (Process)
 (metab. of, by Streptomyces, phleomycin antibiotics formation by)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



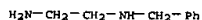
L5 ANSWER 210 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:61171 CAPLUS
 DN 80:61171
 TI Production of moldings and coatings by the reaction of a polyepoxide and
 a polyamine
 IN Hoffmann, Herwig; Lissner, Oskar; Merkel, Karl; Scholz, Heinrich
 PA Badische Anilin- und Soda-Fabrik A.-G.
 SO U.S., 4 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (with nitrofurimide)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



RN 38486-29-2 CAPLUS
 CN 1,3-Propanediamine, N-[(2-methylphenyl)methyl]- (9CI) (CA INDEX NAME)



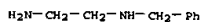
L5 ANSWER 211 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1974:37039 CAPLUS
 DN 80:37039
 TI Synthesis and properties of azoles and their derivatives. XX.
 Imidazolines and isoxazolines with a 5-nitrofuranyl group
 AU Kelarev, V. I.; Baranski, A.; Shvekhgeimer, G. A.
 CS Inst. Pet. Natural Gas-Chem. Ind., Moscow, USSR
 SO Roczniki Chemii (1973), 47, 1669-75
 CODEN: ROCHAC; ISSN: 0035-7677
 DT Journal
 LA Russian
 IT 4152-09-4
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (with nitrofurimide)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



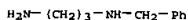
cas online printout

LS ANSWER 212 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1973:546548 CAPLUS
DN 79:146548
TI (Cyanoimino)-substituted heterocyclics
IN Sauter, Robert; Reuter, Wolfgang
PA Thomae, Dr. Karl, G.m.b.H.
SO Ger. Offen., 29 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2205745	A1	19730823	DE 1972-2205745	19720208
	AT 321294	B	19750325	AT 1973-737	19730129
	JP 48091064	A2	19731127	JP 1973-13297	19730201
PRAI	DE 1972-2205745		19720208		
IT	4152-09-4 13910-48-0				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with bis(methylthio)(cyanoimino)methane)				
RN	4152-09-4 CAPLUS				
CN	1,4-Ethanediamine, N-(phenylmethyl)- (9CI)				(CA INDEX NAME)

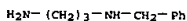


RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



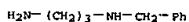
LS ANSWER 213 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1973:432089 CAPLUS
DN 79:32089
TI Cyclic amidines
IN Magosch, Karl Heinz
PA Chemische Werke Huels A.-G.
SO Ger. Offen., 11 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2154948	A1	19730510	DE 1971-2154948	19711105
PRAI	DE 1971-2154948		19711105		
IT	13910-48-0				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with oxazolines)				
RN	13910-48-0 CAPLUS				
CN	1,3-Propanediamine, N-(phenylmethyl)- (9CI)				(CA INDEX NAME)



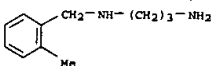
LS ANSWER 214 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1973:99193 CAPLUS
DN 78:99193
TI Azo pigment preparations
IN Schwarin, Siegfried; Deubel, Reinhold; Thilenius, Thilo
PA Farbwerke Hoechst A.-G.
SO Ger. Offen., 7 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2121673	A	19721123	DE 1971-2121673	19710503
	DE 2121673	B2	19730712		
	DE 2121673	C3	19740214		
NL	7205810	A	19721107	NL 1972-5810	19720428
CH	569066	A	19751114	CH 1972-6350	19720428
IT	953876	A	19730810	IT 1972-23754	19720429
AU	7241720	A1	19731108	AU 1972-41720	19720501
US	3827902	A	19740806	US 1972-249205	19720501
GB	1388139	A	19750326	GB 1972-20113	19720501
JP	57048587	B4	19821016	JP 1972-42646	19720501
BR	7202701	A0	19730524	BR 1972-2701	19720502
CA	968910	A1	19750610	CA 1972-141059	19720502
DK	136778	B	19771121	DK 1972-2180	19720502
BE	782971	A1	19721103	BE 1972-117056	19720503
FR	2135246	A5	19721215	FR 1972-15669	19720503
FR	2135246	B1	19760611		
PRAI	DE 1971-2121673		19710503		
IT	13910-48-0				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with acetacetanilide and biphenyl deriva., for azo pigment manuf.)				
RN	13910-48-0 CAPLUS				
CN	1,3-Propanediamine, N-(phenylmethyl)- (9CI)				(CA INDEX NAME)



LS ANSWER 215 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1973:59869 CAPLUS
DN 78:59869
TI Coatings from epoxy resins
IN Hoffmann, Herwig; Lissner, Oskar; Merkel, Karl; Scholz, Heinrich
PA Badische Anilin- und Soda-Fabrik A.-G.
SO Ger. Offen., 13 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2123564	A	19721207	DE 1971-2123564	19710512
CH	567537	A	19751015	CH 1972-5801	19720419
GB	1379789	A	19750108	GB 1972-22118	19720511
PRAI	DE 1971-2123564		19710512		
IT	38486-29-2				
	RL: MOA (Modifier or additive use); USES (Uses) (crosslinking agents, for epoxy resin coatings)				
RN	38486-29-2 CAPLUS				
CN	1,3-Propanediamine, N-[(2-methylphenyl)methyl]- (9CI)				(CA INDEX NAME)

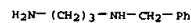


cas online printout

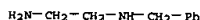
LS ANSWER 216 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1973:11325 CAPLUS
DN 78:11325
TI Improvements in the production of spinnable polyamides
IN Siclari, Francesco; Perazzioni, Pierluigi; Silvestroni, Piergiorgio
PA SNIA VISCOSA Societa Nazionale Industria Applicazioni Viscose
SO Brit. Amended, 13 pp. (See CA 75:110715w).
CODEN: BSXXAH
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1	GB 1238868		19720825		
PRA1	IT 1967-810901		19670808		
IT	13910-48-0				

RL: USES (Uses)
(polyamide fiber dyeability improvement by)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



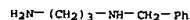
LS ANSWER 217 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1972:557122 CAPLUS
DN 77:157122
TI N-Aralkylpolyamine complexes. IV. Formation constants of coordination compounds of N-benzyl- and N,N'-dibenzylethylenediamine with transition metal ions
AU Goldberg, David E.; Patel, Kantilal C.
CS Brooklyn Coll., City Univ. New York, Brooklyn, NY, USA
SO Journal of Inorganic and Nuclear Chemistry (1972), 34(11), 3583-4
CODEN: JINCAO; ISSN: 0022-1902
DT Journal
LA English
IT 4152-09-4
RL: PEP (Physical, engineering or chemical process); PROC (Process)
(ionization of, in aq. dioxane)
RN 4152-09-4 CAPLUS
CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



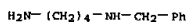
LS ANSWER 218 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1971:530715 CAPLUS
DN 75:110715
TI Spinnable polyamides
IN Siclari, Francesco; Perazzioni, Pierluigi; Silvestroni, Piergiorgio
PA SNIA VISCOSA Societa Nazionale Industria Applicazioni Viscose
SO Brit., 13 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
P1	GB 1238868		19710714		
PRA1	IT		19670808		
IT	13910-48-0				

RL: USES (Uses)
(in nylon fiber manuf., for improved dyeability)
RN 13910-48-0 CAPLUS
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

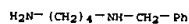


LS ANSWER 219 OF 233 CAPLUS COPYRIGHT 2003 ACS
AN 1971:111185 CAPLUS
DN 74:111185
TI Mass spectrometric behavior of nitrogen compounds. 15. New mass spectrometric fragmentation reactions of .alpha.,.omega.-disubstituted alkanes
AU Veith, H. J.; Guggisberg, A.; Hesse, Manfred
CS Org.-Chem. Inst., Univ. Zurich, Zurich, Switz.
SO Helvetica Chimica Acta (1971), 54(2), 653-80
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA German
IT 29867-04-7
RL: PRP (Properties)
(mass spectrum of)
RN 29867-04-7 CAPLUS
CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



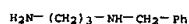
cas online printout

L5 ANSWER 220 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1970:535131 CAPLUS
 DN 73:135131
 TI Mass spectral loss of N-substituents in .alpha...omega.-diaminoalkanes.
 13. Mass spectral behavior of nitrogen containing compounds. 1
 AU Guggisberg, A.; Veith, H. J.; Hesse, M.
 CS Inst. Org. Chem., Univ. Zurich, Zurich, Switz.
 SO Tetrahedron Letters (1970), (42), 3639-42
 CODEN: TELEAY; ISSN: 0040-4039
 DT Journal
 LA English
 IT 29867-04-7
 RL: PRP (Properties)
 (mass spectrum of)
 RN 29867-04-7 CAPLUS
 CN 1,4-Butanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

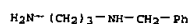


L5 ANSWER 221 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1970:91439 CAPLUS
 DN 72:91439
 TI Polyamide fibers with a high affinity for acid dyes
 PA SWIA VISCOSA Societa Nazionale Industria Applicazioni Viscosa
 SO Fr., 22 pp.
 CODEN: PRXXAK
 DT Patent
 LA French
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 1576841		19690801		
PRAI IT		19670808		
IT 13910-48-0 26735-13-7				
RL: USES (Uses)				
(nylon polymerized in presence of stabilizing, to increase dyeability)				
RN 13910-48-0 CAPLUS				
CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)				



RN 26735-13-7 CAPLUS
 CN 1,3-Propanediamine, N-benzyl-, monoacetate (8CI) (CA INDEX NAME)
 CM 1
 CRN 13910-48-0
 CMP C10 H16 N2

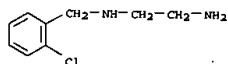


CM 2
 CRN 64-19-7
 CMP C2 H4 O2

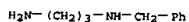


L5 ANSWER 222 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1968:68786 CAPLUS
 DN 68:68786
 TI Therapeutically useful diimides of 1,4,5,8-naphthalenetetracarboxylic acid
 IN Schuetz, Siegiemund; Rock, Marianne; Otten, Hinrich
 PA Farbenfabriken Bayer A.-G.
 SO Brit., 12 pp.
 CODEN: BRXXAA
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI GB 1081124		19670831	GB	19650604
IT 6241-46-9P				
RL: SPN (Synthetic preparation); PREP (Preparation)				
(prepn. of)				
RN 6241-46-9 CAPLUS				
CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				

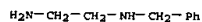


L5 ANSWER 223 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1967:115377 CAPLUS
 DN 66:115377
 TI Syntheses of (3-aminopropyl)guanidine derivatives
 AU Ueda, Takeo; Iehizaki, Kumi
 CS Keio-Gijyuku Univ., Tokyo, Japan
 SO Chemical & Pharmaceutical Bulletin (1967), 15(2), 228-32
 CODEN: CPBTAL; ISSN: 0009-2363
 DT Journal
 LA English
 IT 13910-48-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



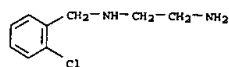
cas online printout

L5 ANSWER 224 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1966:429212 CAPLUS
 DN 65:29212
 OREF 65:5385a-b
 TI N-Benzylethylenediamine
 AU Leetovskii, R. P.; Kolpakova, I. D.; Krinitakaya, L. V.; Ivanova, T. I.
 SO Metody Polucheniya Khim. Reaktivov i Preparatov Khim. (1965), No. 12,
 31-3
 DT Journal
 LA Russian
 IT 4152-09-4, Ethylenediamine, N-benzyl-
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

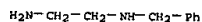


L5 ANSWER 225 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1966:403862 CAPLUS
 DN 65:3862
 OREF 65:669c-h, 670a-d
 TI Basic alkylated 1,4,5,8-naphthalenetetracarboxydiimides
 PA Farbenfabriken Bayer A.-G.
 SO 15 pp.
 DT Patent
 LA Unavailable
 FAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI NL 65007170		19651205	NL	
PRAI DE		19640605		
IT 6241-46-9, Ethylenediamine, N-(o-chlorobenzyl)- (prepn. of)				
RN 6241-46-9 CAPLUS				
CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)				

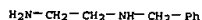


L5 ANSWER 226 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1966:19273 CAPLUS
 DN 64:19273
 OREF 64:3521a-d
 TI Reaction of Schiff bases with formic acid. III. Reaction of Schiff bases
 with anhydrous formic acid in organic solvents
 AU Lukasiewicz, Andrzej; Eckstein, Zygmunt
 CS Inst. Badan Jadrowych, Warsaw
 SO Roczniki Chem. (1965), 39(5), 695-701
 DT Journal
 LA English
 IT 3303-16-0, Ethylenediamine, N-benzyl-, dihydrochloride
 (prepn. of)
 RN 3303-16-0 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



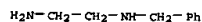
● 2 HCl

L5 ANSWER 227 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1965:488851 CAPLUS
 DN 63:88851
 OREF 63:16328e-g
 TI Semisynthetic penicillins. VI. The o-nitrophenylsulfonyl protecting group
 in the preparation of aminopenicillins
 AU Ekstrom, Bertil A.; Sjöberg, Berndt
 CS AB Astra, Soedertaelje, Swed.
 SO Acta Chem. Scand. (1965), 19(5), 1245-7
 DT Journal
 LA English
 IT 4152-09-4, Ethylenediamine, N-benzyl-
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

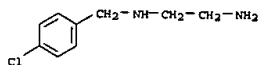


cas online printout

L5 ANSWER 226 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1965:488850 CAPLUS
 DN 63:88850
 OREF 63:16328c-e
 TI Salt of penicillins with disulfonamide derivatives of
 N,N'-dibenzylethylenediamine
 AU Banci, F.; Ferappi, M.
 CS "Leo" Labs., Rome
 SO Boll. Chim. Farm. (1963), 102(1), 8-12
 DT Journal
 LA Italian
 IT 4152-09-4, Ethylenediamine, N-benzyl-
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)

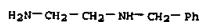


L5 ANSWER 229 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:456323 CAPLUS
 DN 61:56323
 OREF 61:9799g-h
 TI Tuberculostatics. XX. N,N'- and N,N''-Dialkyl derivatives of alkylene
 diamines
 AU Jeney, Endre; Zsolnai, Tibor
 CS Univ. Debrecen, Hung.
 SO Zentr. Bakteriolog., Parasitenk. Abt. I Orig. (1964), 192(3), 358-67
 DT Journal
 LA Unavailable
 IT 93226-63-2, Ethylenediamine, N-(p-chlorobenzyl)-, hydrochloride
 114425-73-9, Ethylenediamine, N-benzyl-, hydrochloride
 (bactericidal and fungicidal properties of)
 RN 93226-63-2 CAPLUS
 CN Ethylenediamine, N-(p-chlorobenzyl)-, hydrochloride (7CI) (CA INDEX NAME)



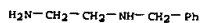
● x HCl

RN 114425-73-9 CAPLUS
 CN Ethylenediamine, N-benzyl-, hydrochloride (6CI) (CA INDEX NAME)



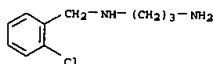
● HCl

L5 ANSWER 230 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:435409 CAPLUS
 DN 61:35409
 OREF 61:6218c-d
 TI Agents affecting lipid metabolism. VIII. N,N'-Dibenzylethylenediamine,
 the
 key to a novel class of cholesterol biosynthesis inhibitors
 AU Kraml, Michael; Humber, Leslie G.; Dubuc, Jean; Gaudry, Roger
 CS Ayerst Res. Lab., Montreal, Can.
 SO J. Med. Chem. (1964), 7(4), 500-3
 DT Journal
 LA Unavailable
 IT 3303-16-0, Ethylenediamine, N-benzyl-, dihydrochloride
 90972-74-0, 1,3-Propanediamine, N-(o-chlorobenzyl)-,
 dihydrochloride 91329-39-4, Ethylenediamine,
 N-(o-chlorobenzyl)-, dihydrochloride
 (cholesterol formation inhibition by)
 RN 3303-16-0 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)-, dihydrochloride (9CI) (CA INDEX NAME)



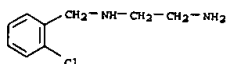
● 2 HCl

RN 90972-74-0 CAPLUS
 CN 1,3-Propanediamine, N-(o-chlorobenzyl)-, dihydrochloride (7CI) (CA INDEX NAME)



● 2 HCl

RN 91329-39-4 CAPLUS
 CN Ethylenediamine, N-(o-chlorobenzyl)-, dihydrochloride (6CI, 7CI) (CA INDEX NAME)

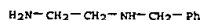


● 2 HCl

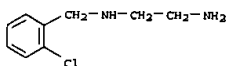
L5 ANSWER 230 OF 233 CAPLUS COPYRIGHT 2003 ACS (Continued)

cas online printou

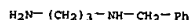
LS ANSWER 231 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:404209 CAPLUS
 DN 61:4209
 OREF 61:651h,652a-f
 TI 1-Phenethyl-2-iminoimidazolidines, a new class of compounds with
 ganglion-regulating activity
 AU Wollweber, H.; Hiltmann, R.; Stoepel, K.; Kroneberg, G.
 CS Farbenfabriken Bayer A.-G., Muppertal-Elberfeld, Germany
 SO Med. Chem., Abhandl. Med. Chem. Forschungsstaetten Farbwerke Hoechst A.G.
 (1963), 7, 248-61
 DT Journal
 LA Unavailable
 IT 4152-09-4, Ethylenediamine, N-benzyl- 6241-46-9,
 Ethylenediamine, N-[o-chlorobenzyl]-
 (prepn. of)
 RN 4152-09-4 CAPLUS
 CN 1,2-Ethanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



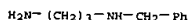
RN 6241-46-9 CAPLUS
 CN 1,2-Ethanediamine, N-[(2-chlorophenyl)methyl]- (9CI) (CA INDEX NAME)



LS ANSWER 232 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1964:74997 CAPLUS
 DN 60:74997
 OREF 60:13138f-h,13139a-b
 TI Guanidines and quaternary ammonium salts
 AU Cheymol, J.; Lespagnol, A.; Debaert, M.; Adolphe, M.; Adolphe, C.
 CS Fac. Med., Paris
 SO Therapie (1961), 16(4), 613-27
 DT Journal
 LA Unavailable
 IT 13910-48-0, 1,3-Propanediamine, N-benzyl-
 (prepn. of)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 233 OF 233 CAPLUS COPYRIGHT 2003 ACS
 AN 1963:448361 CAPLUS
 DN 59:48361
 OREF 59:8740c-g
 TI Guanidines and quaternary ammonium salts
 AU Lespagnol, A.; Cheymol, J.; Debaert, M.; Adolphe, C.
 CS Fac. Med., Paris
 SO Congr. Sci. Farm., Conf. Comun., 21.degree., Pisa (1962), 1961, 650-9
 DT Journal
 LA French
 IT 13910-48-0, 1,3-Propanediamine, N-benzyl-
 (prepn. of)
 RN 13910-48-0 CAPLUS
 CN 1,3-Propanediamine, N-(phenylmethyl)- (9CI) (CA INDEX NAME)



cas online printou

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

731.14

880.30

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 09:29:54 ON 20 JAN 2003